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**From:** Elgethun, Kai (ATSDR/DCHI/WB)  
**Sent:** 9 Feb 2016 14:18:45 +0000  
**To:** Somers, Tarah;Bermingham, John (CDC/OPHPR/DEO)  
**Cc:** Funk, Renee (CDC/NIOSH/OD);Somers, Tarah S. (ATSDR/DCHI/EB)  
**Subject:** RE: IAP Task Assignments

Agreed. Should be ours now. PHAST is leaving tomorrow and we will take over their tracking. We will meet with Matt Ritchey from PHAST today for handoff.

---

**From:** Somers, Tarah (EPA) (CDC epamail.epa.gov)  
**Sent:** Tuesday, February 09, 2016 8:55 AM  
**To:** Bermingham, John (CDC/OPHPR/DEO) <uvk7@cdc.gov>  
**Cc:** Elgethun, Kai (ATSDR/DCHI/WB) <irz6@cdc.gov>; Funk, Renee (CDC/NIOSH/OD) <rjf8@cdc.gov>; Somers, Tarah S. (ATSDR/DCHI/EB) <tvs4@cdc.gov>  
**Subject:** Re: IAP Task Assignments

I think it should change - since it is my understanding that it is CDC/ATSDR will be doing that.

Tarah Somers, ATSDR Region 1  
617-918-1493 (w)  
703-505-7559 (c)

On Feb 9, 2016, at 8:43 AM, Bermingham, John (CDC/OPHPR/DEO) <[uvk7@cdc.gov](mailto:uvk7@cdc.gov)> wrote:

Kai,

Below are the task listing for the Health and Medical and Water Quality Task Forces from the last Incident Action Plan.

The actions highlighted are the ones which apply to CDC/ATSDR.

Not sure why the one in Health and Medical is assigned against the PHST. I can push to get that changed to CDC/ATSDR.

Let me know by 10 if you want to make any adjustments.

Thanks

Bama

### **Health and Medical**

#### **6. Work Assignments:**

- Develop engagement strategy for Genesee County Health Department (GCHD) to facilitate outreach efforts to the community members and community partners. (PHST)
- Provide technical assistance to the GCHD information line through the development of a database for incoming calls to standardize the responses to caller queries; develop resource list for GCHD. (PHST)

- Provide two personnel to facilitate case management follow up on results from GCHD concerning water samples with high home water lead levels. (PHST)
- Develop Behavior Health Surveillance Plan and Gap Assessment. (BH)
- Provide Behavioral Health Support for community-based health and human service providers. (BH)
- Provide technical assistance and community health outreach support to GCHD and to the EPA field team during water sampling and rash investigations. (PHST)
- Technical assistance with creation of email groups for email messaging blasts to community partners. (PHST)

### **Water Quality**

#### **Work Assignments:**

- ☐ Identify sampling locations based on State DEQ requests and/or inquiries from residents.
- ☐ Schedule visits to residents as identified.
- ☐ Develop facts sheets based on high lead homes and other facts sheets, as needed.
- ☐ Provide risk communications and test results to residents.
- ☐ Conduct sequential sampling.
- ☐ Conduct filter pilot sampling.
- ☐ Conduct distribution system sampling.
- ☐ Conduct water sampling at residences with rash complaints as coordinated with State MDHHS
- ☐ Support Interagency data collection, coordination and sharing between GCHD, CDC Flint, CDC Lansing, CDC Atlanta, MDEQ, MDHHS, for ongoing epidemiological investigations (CDC)

John Bermingham  
 CDC/ATSDR Flint Team Operations Coordinator  
 404 444-2842 - BB  
 404 307-6245 - Cell  
 E-Mail - [jbermingham@cdc.gov](mailto:jbermingham@cdc.gov)



**From:** Bermingham, John (CDC/OPHPR/DEO)  
**Sent:** 9 Feb 2016 14:23:52 +0000  
**To:** Elgethun, Kai (ATSDR/DCHI/WB); Somers, Tarah  
**Cc:** Funk, Renee (CDC/NIOSH/OD); Somers, Tarah S. (ATSDR/DCHI/EB)  
**Subject:** RE: IAP Task Assignments

Will push the change.

---

**From:** Elgethun, Kai (ATSDR/DCHI/WB)  
**Sent:** Tuesday, February 09, 2016 9:19 AM  
**To:** Somers, Tarah (EPA) (CDC epamail.epa.gov) <somers.tarah@epamail.epa.gov>; Bermingham, John (CDC/OPHPR/DEO) <uvk7@cdc.gov>  
**Cc:** Funk, Renee (CDC/NIOSH/OD) <rjf8@cdc.gov>; Somers, Tarah S. (ATSDR/DCHI/EB) <tvs4@cdc.gov>  
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**From:** Funk, Renee (CDC/NIOSH/OD)  
**Sent:** 9 Feb 2016 14:56:51 +0000  
**To:** Somers, Tarah S. (ATSDR/DCHI/EB)  
**Subject:** FW: MDHHS Request Matrix  
**Attachments:** 8Feb16\_FINAL\_MASTER\_UNIFED REQUEST LIST\_Flint MI\_UCG.pdf

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**From:** Gwisdalla, David [mailto:Gwisdalla.David@epa.gov]  
**Sent:** Monday, February 08, 2016 8:41 PM  
**To:** Eckes, Jeanne (OS/ASPR/OEM) <Jeanne.Eckes@hhs.gov>; Freiman, Alex (OS/ASPR/OEM) <Alex.Freiman@hhs.gov>; Bermingham, John (CDC/OPHPR/DEO) <uvk7@cdc.gov>; Elgethun, Kai (ATSDR/DCHI/WB) <irz6@cdc.gov>; Pearson-Clarke, Rosemary P. (CDC/ONDIEH/NCEH) (CTR) <ygs1@cdc.gov>; Wolfe, Herbert (CDC/ONDIEH/NCEH) <ywh2@cdc.gov>; Funk, Renee (CDC/NIOSH/OD) <rjf8@cdc.gov>; Cibulas, William (ATSDR/OA/OD) <wic1@cdc.gov>; Bowman, Thomas (OS/ASPR/OEM) <Thomas.Bowman@hhs.gov>; Smith, Jason (DHHS) <SmithJ20@michigan.gov>; michael.l.polsinelli@hud.gov; kuzerah@michigan.gov; Bassler, Rachel <Bassler.Rachel@epa.gov>; Durno, Mark <durno.mark@epa.gov>; Michael, Gretchen (OS/ASPR/COO) <Gretchen.Michael@hhs.gov>; Odom, Janet (OS/ASPR/OEM) <Janet.Odom@hhs.gov>; Stankewicz, Todd (OS/ASPR/OEM) <Todd.Stankewicz@hhs.gov>; IRCT1.FUSN (HHS/ASPR) <IRCT1.FUSN@hhs.gov>; Linda Scott <ScottL12@michigan.gov>; Dr. Jacqueline Scott <ScottJ14@michigan.gov>; Mason, Byron (OS/ASPR/OEM) <Byron.Mason@hhs.gov>; Hadzibegovic, Diana (OS/ASPR/OEM) <Diana.Hadzibegovic@hhs.gov>; feighnerb@michigan.gov; tim.english@fns.usda.gov; Lam, Shelly <lam.shelly@epa.gov>; macqueen@michigan.gov; Gibbons, John (OS/ASPR/OEM) <John.Gibbons@hhs.gov>; Voirin, Anthony (OS/ASPR/OEM) <Anthony.Voirin@hhs.gov>; warren.riley@fema.dhs.gov; donald.mobley@fema.dhs.gov; Hurwitz, Nathan (OS/ASPR/OEM) <Nathan.Hurwitz@hhs.gov>; russom3@michigan.gov; Fletcher, Vista (USDA) <vista.fletcher@fns.usda.gov>; MacMartin, Sandra - FNS <Sandra.MacMartin@fns.usda.gov>  
**Cc:** Gwisdalla, David <Gwisdalla.David@epa.gov>; IRCT1.CMO@HHS.GOV  
**Subject:** MDHHS Request Matrix

ALCON

Attached is the MDHHS Request Matrix for 8Feb2016. This is the latest version based on the discussions with Task Force leads and State Review. All projects are either "Response task force active/in-progress" or in a "Response task force complete" state. Please review and if you have any questions please let the information management group know. *When you provide updates, please remember to include the task number with any of the updates you provide us.* Jeanne and John, from Info Mgmt., are rotating out; please remember to submit your updates to [gwisdalla.david@epa.gov](mailto:gwisdalla.david@epa.gov) and [IRCT1.CMO@hhs.gov](mailto:IRCT1.CMO@hhs.gov). We appreciate the due diligence given to this matrix and want to properly reflect the work being done. The collaboration and teamwork has been tremendous.

**REMOVE AND DESTROY ALL OTHER COPIES –**

To reach me on my cell, call 303-462-9307.

Regards, David.

David A. Gwisdalla, P.E., MSEE  
Commander, U.S. Public Health Service  
PHS Commissioned Corps Officer Detailed to EPA

Environmental Engineer  
National Enforcement Investigations Center  
U.S. Environmental Protection Agency

office 303.462.9307  
fax 303.462.9283  
[gwisdalla.david@epa.gov](mailto:gwisdalla.david@epa.gov)

Mailing Address:

EPA National Enforcement Investigations Center  
Denver Federal Center  
P.O. Box 25227, Bldg 25, Rm 2A-305  
Lakewood, Colorado 80225





2	1/26/2016	Genesee County Health Department (GCHD)	Behavioral Health	5a, 7a-d, 16a		2, 3, 4	Technical assistance for DHHS and the Genesee Health System (Community Mental Health) for needs assessment; immediate, intermediate and long term planning; and behavioral health specific messaging. Support for continued expansion of Psychological First Aid resources [Human Resources Request]	HIGH	S		X		Federal	HMTF	2/6/16-(PHAST SitRep)-ARC training so agencies 2/5/16-(CDC) AmeriCorps volunteer tr 2/1/16-(PHAST SitRep)-GCHD staff sup AmeriCorps Volunteers; Assist with de facilitate outreach efforts to the comr 1/31/16 - State SitRep-Arriving in Flint 1/28/16-Waiting decision for team act
21	1/29/2016	MDHHS	Children's Services	5a, 7b		2, 4	Assistance in building a trauma-informed child- and family-service system. All in system need to recognize and respond to the impact of traumatic stress on those who have contact with the system including children, caregivers, and service providers. (Behavioral health issues) <b>RELATED TO #2</b>	Medium-3	L		X		Federal	HMTF	2/8/2016 (Matrix Rvw) - Sustainability 2/4/16-(CHECC)-Per Jodi and Jamie: TI have in place; this is a long-term issue sustainability piece once our teams de implementation phase. 2/3/16-(MDHHS)-clarification-Could b More clarification forthcoming. The Cl provide all encompassing case manage lead levels. This would involve coordi going to check for clarification from Jo get further clarification
21a	1/29/2016	MDHHS	Children's Services	5a, 7b		2, 4	o Healthcare providers, schools, and day care agencies.	Low-2	L				Federal	HMTF	2/8/2016 (Matrix Rvw) - Sustainability 2/4/16-(CHECC)-see above
47	1/29/2016	MDHHS	Community/ Provider Engagement	5a, 7a-b		2, 4	BSN prepared nurses to supervise student nurses rotating through Flint and providing community outreach and intervention to residents. This is a request from Genesee County Health	High 2	L		X		State	HMTF	2/8/2016 - (Matrix Rvw) - MDHHS offi returned); awaiting response from sta 2/3/16-(State Health Review)-MDHHS by the GCHD since they will need BSN the year. Currently the state is not en <b>for further clarification until 2/5/16.</b>
38	1/29/2016	MDHHS	Communications	5a, 16a		2,3,4	Assistance with development of Public Service Announcements utilizing known/trusted sources.	High-2	L		X		State	HMTF	2/8/2016 - (Matrix Rvw) - MDHHS is w requested this remain open. (MDHHS funding to run PSAs, MDHHS will work 2/5/16-(HMTF/State Review)-MDHHS
43	1/29/2016	MDHHS	Communications	5a, 7a, 12a, 16a		2, 3, 4	Crisis communications response training for Department PIOs and leadership. 1:1 training - Barbara Reynolds to train state officials in Governor's Office and MI-DEQ	High-5	S		X		State /Federal	HMTF	2/8/2016 - (Matrix Rvw) - State JIC co confirm closure after last training date Barbara Reynolds are working with Ar Michigan PIOs or directors to attend c 2/6/16-(HMTF/PEATF/State Review)-r State EM LNO determining if ready for is scheduled for 12 - 16 Feb. 2/5/16-(CDC)- media updates ongoing

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24	1/29/2016	MDHHS	Children's Services			2, 4	SME's to assist with development of safe water (lead) toolkit that includes ways to identify cognitive effects of lead in children with planned distribution to healthcare providers, schools and day care agencies	Low-3	L			X	Federal	HMTF/SCI	2/8/2016 - (Matrix Rvw) - CHECC iden tasked to create toolkit. 2/7/16-(CHECC/State LNO follow-up)- schools, and others. Not just the beha things already exists, but they need a partners. The recommendations that by lead.
29	1/29/2016	MDHHS	Medical Services	8a, 14a		3, 4	Expanded Medicaid Benefits: Provide Dietician and Breastfeeding Services/counseling for Flint Medicaid Recipients (SPA/Waiver for statewide implementation if needed)	Medium -1	L			X	State	HMTF	TARGET END DATE: XX/XX/2016 2/7/16-(CHECC/State LNO follow-up)-
6	1/29/2016	MDHHS	Medical Services	8a		3, 4	Targeted Case Management (either through <b>Special Program Amendment (SPA) or Waiver</b> ): roughly 1,000 children are not transitioning to Mental Health Providers (MHPs) from Fee for	High-1	L			X	Federal	HMTF	TARGET END DATE: 2/17/16 2/8/16 - (State CMS Director) Awaitin 2/7/16-(CHECC/State LNO follow-up)- 2/3/16-Awaitng State CMS to provide Director and CMS HQ.
5	1/29/2016	MDHHS	Medical Services	15a		4	Enhanced Medicaid Transportation Services: Funding to support non- emergency transportation vendor for the city. Could extend Logisticare and/or demo a MTA project through additional	High-1	L			X	Federal	HMTF	TARGET END DATE: 2/17/16 2/8/16 - (State CMS Director) Awaitin 2/7/16-(CHECC/State LNO follow-up)- 2/3/16-Awaitng State CMS to provide Director and CMS HQ.
26	1/29/2016	MDHHS	Medical Services	8a		3, 4	<b>1115 Waiver</b> for Expanded Eligibility: All children under 21 regardless of income in the impacted zip codes	High -1	L			X	Federal	HMTF	TARGET END DATE: 2/17/16 2/8/16 - (State CMS Director) Awaitin 2/7/16-(CHECC/State LNO follow-up)-
26a	1/29/2016	MDHHS	Medical Services	8a		3, 4	o If commercial coverage is available, provide Medicaid wrap services	High -1	L			X	Federal	HMTF	TARGET END DATE: 2/17/16 2/8/16 - (State CMS Director) Awaitin
26b	1/29/2016	MDHHS	Medical Services	8a		3, 4	o Increase intensity and community based activities to 24/7 access and crisis capacity	High -1	L			X	Federal	HMTF	TARGET END DATE: 2/17/16 2/8/16 - (State CMS Director) Awaitin
26c	1/29/2016	MDHHS	Medical Services	8a		3, 4	o Community Mental Health (CMH) with support from Hurley & Children's Healthcare Access Programs (CHAP) for outreach	High -1	L			X	Federal	HMTF	TARGET END DATE: 2/17/16 2/8/16 - (State CMS Director) Awaitin
26d	1/29/2016	MDHHS	Medical Services	8a		3, 4	o Federally Qualified Health Center (FQHC)	High -1	L			X	Federal	HMTF	2/3/16-(State Health Review)-no upda for follow up with State CMS Director.

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49	1/29/2016	MDHHS	Community/ Provider Engagement			2, 4	Recovery- Provide federal resources to assist local and state with long term recovery. 2-FTE for health and 2-FTE for human services.	Medium 1	L			X	Federal	HMTF	2/8/2016 (Matrix Rvw) - HMTF lead to needed. 2/7/16-2/7/16-(CHECC/State LNO follow for request; UCG provided direction to outlining specific and defined need w 2/3/16-(State Health Review)- <b>Funding</b> going to submit formal funding request
11	1/29/2016	MDHHS	Data and Surveillance	1a, 2, 3, 4		1, 2	Consultation on developing residential water sampling protocols, assessment of water sources and interpretation of results where elevated <b>blood lead</b> levels are detected.	High-1	L			X	State/Federal	WQTF	2/5/16-(CDC)-ATSDR field consultation 2/3/16-(EPA SitRep)-Sampling continuous sitrep provides details 2/1/16-(EPA SitRep)-Assisted Water B sequential, lead filter, filter grab, and cleaned aerators/filters at all sampling is end route and will resume sampling residents to clean faucet aerators, wh heaters to remove any potential lead
11a		DEQ	Data and Surveillance	1a, 2, 3, 4		1, 2	o Consultation on developing residential water sampling protocols, assessment of water sources and interpretation of results where elevated <b>copper</b> levels are detected.	High-1	L			X	State/Federal	WQTF	2/8/2016 - (UCG Standup) - WQTF/PEATF soon to be distributed. (Matrix Rvw) sheet under development; agency bra 2/6/16-WQTF/State Review)-EPA asked above; DEQ asked to add as subtask to follow-will provide updates moving forward
10	1/29/2016	MDHHS	Communications	7, 12a, 16a		2, 3, 4	Provide training for staff, providers, and the community via webinar on water filters, cartridge replacement, water pitchers and blood lead level.	High-1	M			X	State	WQTF	2/8/2016 - (Matrix Rvw) - MI-DEPA webinar need still being considered by Seeking clarification from Population 2/6/16-WQTF/PEATF/State Review)-State closed item 2/5/16-(CDC)-CDC believes can go green
55	2/7/2016	MDEQ	Data and Surveillance				DEQ requests UCG representative confirm with EPA and USDHHS on if an address with a sample result	High	S			X	Federal	WQTF	2/8/2016 - (EPA/HHS) Referred issued opinion.
37	1/29/2016	MDHHS	Communications	7, 12a, 16a		2, 3, 4	informatics Infographics in clear format to demonstrate water testing results etc. <b>RELATES TO #13</b>	High 1	L			X	State / Fed	WQTF	2/8/2016 (Matrix Rvw) - EPA map view this is sufficient. Christian gave Angela data. 2/1/16-(CDC/ATSDR)-No planned action 1/29/16-(31)Communication support. involved)
12	1/29/2016	MDHHS	Data and Surveillance	1a, 2, 3, 4		1, 2	Establish quality assurance system to verify safe water sources at impacted homes, schools and businesses. [belongs with Row Above]	High - 1	L			X	State / Fed	WQTF	2/8/2016 - (Matrix Rvw) - DEQ conducting owner request; sampling is on-going. 2/7/16-(EPA/DEQ)-Pending state clarification are # of household and businesses to 2/3/16-EPA working with CDC/ATSDR 1/31/16-FWICC lead

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9	1/29/2016	MDHHS	Nutrition			3, 4	Provide technical assistance to WIC staff on lead and assess ongoing adequacy of nutrition resources; assist with obtaining additional resources as needed.	High-1	L		X		State	NETF	2/8/2016 (Matrix Rvw) - state nutrition technical support. California nutrition is checking on copyright issues; assistance content. This issue is to be partnered with 2/5/16-(NETF/State Health Review)-D identified a need for increased material nutrition guidance that promotes food lead; workgroup formed (USDA-FNS e
53	2/4/2016	MI- Departme nt of Education	Nutrition	10, 11, 14a		3, 4	The City of Flint needs additional food supply to help provide healthy food choices for The Emergency Food Assistance Program (TEFAP) eligible families, with a focus on foods that are high in calcium, iron, and Vitamin C. Request is to use USDA disaster food package boxes.		M		X		Federal	NETF	2/8/2016 (Matrix Rvw) - USDA is still in 2/5/16-(NETF)-received application from Food for Disaster Household Distribution crisis. 2/4/16, MDE submitted a request to F Distribution. FNS staff are currently re additional information is needed from
54	2/7/2016	GCHD	Nutrition	14a		3,4	MDHHS requested that USDA-FNS authorize financial support to the Flint WIC clinics for the lead testing of WIC participants with appropriate Medicaid cost sharing. Approved letter to follow.		S		X		Federal	NETF	2/8/2016 (Matrix Rvw) - CHECC request official approval for Medicare cost share 2/7/16-(UCG standup)-Expecting signed for the use of WIC funds for Blood Lead sharing. 2/5/16-(Denis)-Met with Toni LaRocco can begin to test for lead. A plan will be identified a way to provide USDA-FNS
36	1/29/2016	MDHHS	Nutrition	10, 11		3, 4	Assistance with nutrition planning for the inclusion of private industry to address the food desert.	Medium-6	L		X		Federal	NETF	2/8/2016 (Matrix Rvw) - CHECC request entice business to come into the area. 2/7/2016 - (CHECC/State LNO follow-up nutrition and possibly a grocery store tap into strategy for bringing business statute as access to affordable and nutritious for food security. USDA should lead a 2/4/16-(USDA SitRep/NETF Review)-U
AA	2/1/2016	UCG	Public & External Affairs Task Force	12a			Coordinate the intergovernmental, public and external affairs effort to ensure awareness and visibility of communications activities regarding Flint water crisis with State and Federal partners.	HIGH	S		X		State/Federal	PEATF	2/3/16-(PEATF)-coordinated all government effective communications; publishing
BB	2/2/2016	UCG	Public & External Affairs Task Force	16			Assess approach to public messaging and outreach with State and Federal partners.	HIGH	S		X		State/Federal	PEATF	2/3/16-(PEATF)-worked with the state developed, posted speakers bureau, f

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28-1	1/29/2016	MDHHS	Medical Services	8a, 15a, 20		3, 4	Lead Abatement through an <b>1115 waiver</b> financed by a “designated state health program.”	High-2	L		X		Federal	HSTF	2/8/16 - (Matrix Rvw) - CMS is developing 1115 funding for lead abatement activities. Release of the memo. HSTF to identify the state’s lead abatement request.
			<b>RESPONSE TASK FORCE COMPLETE</b>												
35	1/29/2016	MDHHS	Nutrition	10, 11, 14a		3, 4	Funding for development and implementation of a wichealth.org lesson module on nutrition and lead (many WIC clients access nutrition education online through	Medium-5	L		X		State	NETF	2/8/2016 (Matrix Rvw) - pending state 2/5/16-(NETF/State Health Review)-Michigan Administration funds to develop the m Operational Adjustment funds to support LNO to determine if mission can be closed
34	1/29/2016	MDHHS	Nutrition	10, 11, 14a		3, 4	Lactation Support - Provide additional federal resources to the WIC program to augment WIC peer counseling and utilize existing staff in more dedicated lactation	High-2	L		X		State	NETF	2/8/2016 (Matrix Rvw) - pending state 2/5/16-(NETF/State Health Review)- b determine if mission can be closed 1/28/16-(USDA)-“performing already” Breastfeeding Peer Counseling funds b
8	1/29/2016	MDHHS	Nutrition	10, 11		3, 4	Expand use of WIC/Food Assistance for Farmer’s Markets/Food Banks/Mobile Food Banks.	High-1	L		X		State	NETF	2/8/2016 (Matrix Rvw) - pending state 2/5/16-(NETF/State Health Review)-TI (FMNP) allocation formula is set out in For FY 2016, it is anticipated Michigan 2015. Once FNS allocates the money FMNP funds are deployed throughout of the funding in the Flint area to expand
33	1/29/2016	MDHHS	Nutrition			3, 4	Expand WIC for city of Flint children, to those 5-10 years of age.	High - 1	L		X			NETF	2/5/16-(NETF review/State Health Review requests at this time. Technical assistance programmatic functions. State may submit 1/30/16-(USDA SitRep)-The USDA den
52	1/29/2016	MDHHS	Community/ Provider Engagement	14a, 19		3, 4	Assistance with recruitment and retention of pediatric health care professionals including behavioral health.	Medium 4	L		X		State	Recovery	2/8/2016 (Matrix Rvw) - HRSA grantees HSTF to provide state with list of eligible support to its grantees on use of support matter expertise to the State via HRSA on how to recruit and retain physicians loan forgiveness and other incentives. 2/4/16-(HSTF)-HRSA advised that it is

Updated: 2/8/2016 6:36 PM  
Created: 2/2/2016 12:00 hours

28-2	1/29/2016	MDHHS	Medical Services	8a, 15a, 20		3, 4	The State funded program "Healthy Homes" – currently at \$1.8m General Fund (GF), but this would allow Medicaid match for all GF. Abatement includes:	High-2	L		X		State	HSTF	2/8/16 - (Matrix Rvw) - HUD affirmed grantees (e.g., Housing Commission) c abatement in homes, including in water potential applicants (i.e., homes). 2/4/16-(HSTF)-HUD has identified that by the county to support lead abatement will need grantee to apply.
28-2a	1/29/2016	MDHHS	Medical Services	8a, 15a, 20		3, 4	a. The removal of lead hazards, permanent enclosure or encapsulation of lead based paint, replacement of surfaces or		L		X		State	HSTF	2/3/16-(HSTF)-Existing HUD Office of MI targets \$325K to Healthy Homes. P water in homes. Abatement of lead ba
28-2b	1/29/2016	MDHHS	Medical Services	8a, 15a, 20		3, 4	b. DSHPs are health programs funded by the state, many of which provide safety-net health care services for low-income or uninsured individuals such as adult day care, outpatient substance abuse treatment or care for the mentally ill who are not		L		X		State	HSTF	2/8/16 - (Matrix Rvw) - HRSA advised existing funds to conduct workshops occur as a result of lead exposure; (2) about food with high levels of lead co disabilities caused by lead exposure in Health Start, plans to hire an additional health needs related to lead.
19	1/29/2016	MDHHS	Children's Services	14a, 15a		3, 4	Discretionary emergency funds aside from our regular flex fund sources (CP/CP, SFSC, etc.) for the following items:	High-1	M		X		State	HSTF	2/8/2016 (HSTF) - ACF shared guidance short-term benefits to help eligible families program to offer a wider range of services Flint. If Michigan does decide to offer current TANF Plan, or decides to change services, it may do so by submitting a 2/5/16-(HSTF)-• 02/05 – Met with Gen Department (CARD), an ACF grantee, Greater Flint; Advised GC CARD of CM a new 2016 program targeted at addressing housing instability, food insecurity, uti transportation needs beyond medical Development Block Grant Funds (CDB
19a	1/29/2016	MDHHS	Children's Services	14a, 15a		3, 4	o Gas card clients need to have access to resources and attend medical appointments for follow up specific to lead exposure		M		X		State	HSTF	2/2/16-(HSTF)-ACF affirmed that the s Families (TANF) Non-Recurrent, Short to this emergency. State has been info



19b	1/29/2016	MDHHS	Children's Services	14a, 15a		3, 4	o Food cards-clients are using BRIDGE cards for water, leaving little left for food.		M		X	State	HSTF	2/2/16-(OASH email)-ACF has shared p TANF non-recurrent, short-term bene deal with a specific crisis situation. The less) payments or vouchers to low-inc water; and gas cards/bus passes for th TANF program to offer a wider range o in Flint. If Michigan does decide to off current TANF Plan, or decides to chan services, it may do so by submitting a
19c	1/29/2016	MDHHS	Children's Services	14a, 15a		3, 4	o Bus passes-same purpose/intent as above.		M		X	State	HSTF	2/3/16-(State Health Review)- State H residents - BRIDGE cards are not need education
20	1/29/2016	MDHHS	Children's Services	14a, 18		3, 4	Increase match temporarily with Title IV-E funds to support five additional staff for Child Welfare and Cash District offices to track,	High-2	L		X	State	HSTF	2/8/16 - (HTSF) - ACF advised HSTF tha increase match funding. ACF has not r on this issue. The State must submit a response.
25	1/29/2016	MDHHS	Children's Services	14a, 18		3, 4	Grant a limited term administrative rate increase to primary Placement Agency Foster Care (PAFC) contracts.	Low-4	L		X	State	HSTF	2/8/16 - (HTSF) - ACF advised HSTF tha increase match funding. ACF has not r on this issue. The State must submit a response.
State	1/26/2016	Genesee County	Technical Assistance	5a		2, 4	Multi-Agency ResourceCenter (MARC): <b>State monitored project. Genesee County Health Department</b> to create sites in the community for "one stop shop" for human and social services. To include water distribution, filter distribution, education materials.	HIGH	S		X		State	2/8/16 - (UCG) - CLOSED no further US 2/5/16-(State Health Review)-MDHHS action at this time for USG assistance. 2/3/16-(State Health Review)-This is a has the lead to establish MARC center provide some guidance on the develop through the community engagement t supporting these centers.
7	1/29/2016	MDHHS	Behavioral Health Services	5a, 7a-d		2, 4	Behavioral health - technical assistance for DHHS and the Genesee Health System (Community Mental Health) for needs assessment; immediate,	High-1	S		X	State	HMTF	<b>TARGET END DATE: 4/4/2016</b> 2/3/16-SAMHSA RA (CAPT Coady) met for SERG grant application -Application 1/31/16 State SitRep-MDHHS represen grant
27	1/29/2016	MDHHS	Medical Services	8a		3,4	<b>Federal Funding:</b> Healthy Home Designation (Section 2703 of ACA –	High -1	L		X	State	HMTF	2/7/16-(CHECC/State LNO follow-up)-
27a	1/29/2016	MDHHS	Medical Services	8a		3, 4	designate lead exposure as a chronic condition	High -1	L		X	State	HMTF	
27b	1/29/2016	MDHHS	Medical Services	8a		3, 4	o Will allow 90% federal match for 8 Quarters for Health Home	High -1	L		X	State	HMTF	2/3/16-(State Health Review)- <b>Relates</b> next steps. 1/31/16-No planned CDC/ATSDR actio

18	1/29/2016	MDHHS	Data and Surveillance	5a, 7a-b		2, 4	Technical assistance in the development of a long term lead surveillance strategy which includes a diverse set of data sources such as medical information found on birth	Medium-3	L		X		State	HMTF	2/5/16-(CDC)-interagency communication strategy 2/3/16-(State Health Review)-MDHHS a database to track individuals. MDHHS of software. MDHHS unsure if in-house
18a	1/29/2016	MDHHS	Data and Surveillance	5a, 7a-b		2, 4	o Database for long term monitoring and follow up surveillance	Medium-3	L		X		State	HMTF	
18b	1/29/2016	MDHHS	Data and Surveillance	5a, 7a-b		2, 4	o Case Management Software	Medium-3	L		X		State	HMTF	
18c	1/29/2016	MDHHS	Data and Surveillance	5a, 7a-b		2, 4	o Enhanced capacity for laboratory surge for environmental and blood lead testing through Epi Lab Capacity	Medium-3	L		X		State	HMTF	1/31/16- CDC-Possible role for NCEH/
18d	1/29/2016	MDHHS	Data and Surveillance	5a, 7a-b		2, 4	o Technical assistance to develop a methodology to assess past lead exposure.	Medium-3	L		X		State	HMTF	2/4/16-(State Health Review)-MDHHS notifications. CDC JIC is evaluating this media opportunities. 2/3/16-(State Health Review)- <b>Funding</b> wants to expand outreach to individual request is to be submitted 2/1/16-(CDC/ATSDR)-MDHHS asks for broader provider network. MDHHS to
50	1/29/2016	MDHHS	Community/ Provider Engagement	8a		3, 4	Expansion of the HAN or development of communication system to include Health Care Providers.	Medium 2	L		X		State	HMTF	2/8/2016 (Matrix Rvw) - state to determine 2/7/2016 - (CDC) CDC is working with 2/5/16-(NETF/State Health Review)-U distributed mid-March; MI will be received request; <b>Request State LNO to determine</b> 1/28/16-(USDA)- "performing already" Breastfeeding Peer Counseling funds b
32	1/29/2016	MDHHS	Behavioral Health			2, 4	Support for continued expansion of local Psychological First Aid resources. <b>DUPLICATE REQUEST TO #2</b>	High-1	S		X			HMTF	2/4/16-(State Review)-MHT providing request to #2. State agreed to close the 2/3/16-(PHAST SitRep)-Providing BH services providing PFA to volunteers; creating a
3	1/29/2016	MDHHS	Data and Surveillance			3, 4	Technical assistance to develop a strategy for improving prevention, rapid detection and timely reporting of cases of Legionellosis	High-1	M		X			HMTF	2/4/16-(State Health Review)-Mission 2/3/16-(State Health Review)-CDC team regarding the data needs - expected to 1/31/16-CDC-To be addressed 2/1/16

4	1/29/2016	MDHHS	Data and Surveillance			2, 4	Technical assistance to support the development of guidance and tools to identify buildings that are deemed high risk for the transmission of pathogens such as Legionella.	High-1	M	X				HMTE	2/4/16-(State Health Review)-Mission 2/3/16-(State Health Review)-CDC tea regarding the data needs - expected to 1/31/16-CDC-To be addressed 2/1/16 1/29/16-(CDC-41)Actions Taken: Task personnel or federal teams to conduct
44	1/29/2016	MDHHS	Communications			2, 3, 4	Health Educator assistance to provide appropriate and relevant materials on this issue. Relates to #1 <b>DUPLICATE</b>	Medium-2	S	X				HMTE	2/3/16-(State Health Review)-Relates 2/1/16-(CDC/ATSDR)-PHAST currently
39	1/29/2016	MDHHS	Communications			2, 3, 4	Establish opportunities to gather feedback from the community, allow community to speak with experts/staff.	High-2	S	X				HMTE	2/4/16-(State Health Review)- <b>This mis request</b> to be forthcoming related to next steps.
48	1/29/2016	MDHHS	Community/ Provider Engagement			2, 3, 4	Statewide symposium to address issues with short and long term issues with lead poisoning in children.	High 3	S	X				HMTE	2/3/16-(State Health Review)-Mission 2/3/16-(State Health Review)- <b>Comple programmatic function.</b> MDHHS will 2/1/16-(CDC)-MDHHS interested in sta 2016; revisit summer 2016. No planne
46	1/29/2016	MDHHS	Community/ Provider Engagement			2, 3, 4	Assist with and advise for engagement of public and private organizations that represent the	High 1	S	X				HMTE	2/3/16-(State Health Review)- <b>Comple</b> term.
41	1/29/2016	MDHHS	Communications			2, 3, 4	Assistance in prioritizing and guiding a plan for secondary/tertiary prevention strategies for the Flint community, <del>including with working local public</del>	High-3	M	X				HMTE	2/3/16 (State Health Review)- <b>Comple</b> date of March 15 for state PIO is colla 2/1/16-(CDC/ATSDR)-MDHHS consid planned CDC/ATSDR action to date.
31	1/29/2016	MDHHS	Medical Services			2, 4	Assistance in developing a comprehensive plan to accelerate lead testing among children 0-6 years of age. [at our meetings with the community and health plans,	Medium-2	S	X				HMTE	2/3/16-(State Health Review)-CDC Flir 2/1/16-(CDC)-Completed final draft of which is currently under review by OA
16	1/29/2016	MDHHS	Data and Surveillance			2, 4	Technical assistance on the use of dried blood spots to examine lead. Planning assistance on assay validation/proficiency testing/staff competency.	Medium-2	L	X				HMTE	2/4/16-(State Health Review)- MDHHS 2/3/16-(State Health Review)-technical used with lead testing. (CHECC)-The st Sara Tomechko, the Director of the Di of Laboratories. This request should b
14	1/29/2016	MDHHS	Data and Surveillance			3, 4	Technical assistance/consider future CASPER for filling information needs. <del>Mobilize an EPI Aid Team to-</del>	Medium-1	S	X				HMTE	2/3/16-(State Health Review)- <b>Comple</b> MDHHS target is late summer 2016; M UM-Ann Arbor trained ; Dr. Wells is a 1/31/16-No planned CDC/ATSDR actio

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Created: 2/2/2016 1200 hours



51	1/29/2016	MDHHS	Community/ Provider Engagement			3, 4	Conduct Clinician Outreach and Communication Activity (COCA) webinars to increase outreach to healthcare providers.	Medium 3	S	X				HMTF	2/3/16-(State Health Review)- <b>Funding</b> any further action needs to be taken. 2/1/16-(CDC/ATSDR)-CDC/ATSDR avail COCA webinars. MDHHS to advise nex	
45	1/29/2016	MDHHS	Communications			2, 3, 4	Establish avenues for public interaction and information exchange beyond social media with capacity to surge during an incident.	Low-1	L	X				HMTF	2/1/16-(CDC/ATSDR)-MDHHS consid planned CDC/ATSDR action to date.	
13	1/29/2016	MDHHS	Data and Surveillance	5a, 7a-b		2, 4	Technical assistance to evaluate the childhood lead poisoning prevention program (CLPPP) including examination of options for case definitions; methods to assess data trends such as the use of Shewart charts; and methods to view changes in blood lead data over time, including the ability to adjust for seasonal variation when needed.	High-2	L	X				HMTF	2/5/16-(CDC)-complete per ATSDR; st programmatic function - CDC LEAP (Le grant 2/4/16-(State Health Review)-Training coordinated workgroup 2/3/16-(CDC)-Discussions with MDHH request: discussions are continuing wi identified - 2 persons coming to specifi 1/31/16-No planned CDC/ATSDR actio 1/29/16-(20)	
40	1/29/2016	MDHHS	Communications	6, 7a, 12a, 16a		2, 3, 4	Utilization of CDC experts in interviews with the media and in meeting with the public regarding legionella, lead, and bathing.	High-3	M	X				HMTF	2/8/16 (HNTF) - Jen Eisner sent a list o assistance with in terms of Subject Ma these questions. We are awaiting a re 2/6/16-HNTF/State Review)-concur to assistance in future if necessary	
30	1/29/2016	MDHHS	Medical Services			2, 4	Assistance with CMS reimbursement for integrated mobile healthcare/community paramedic.	Low-1	L	X				HMTF	2/7/16-CHECC/State LNO follow-up)-C removed. They are no longer asking f 2/3/16-(State Health Review)- <b>Funding</b> ASPR LNO @ CHECC.	
42	1/29/2016	MDHHS	Communications	7, 12a, 16a		2, 3, 4	Identify an expert available to staff and providers to answer questions specific to lead in the water and products available to purify water. <b>COMBINE WITH #40</b>	High-4	S		X			WQTF	2/8/16 - (Matrix Rvw) - closed per stat COMPLETED 2/6/16-(WQTF/PEATF/State Review)-f needs may arise 2/5/16-(CDC)-experts identified; missi 2/3/16-(State Health Review)-believec	
15	1/29/2016	MDHHS	Data and Surveillance				<del>Technical assistance to develop a methodology to assess past lead exposure.</del> <b>MOVED to #18- Mtg with State</b>	Medium-1								1/29/16-(21)
17	1/29/2016	MDHHS	Data and Surveillance				<del>Planning assistance on assay validation/proficiency testing/staff competency.</del> <b>COMBINED WITH # 16-Mtg with</b>	Medium-2								

**From:** Briseno, Lisa (CDC/OPHPR/DEO)  
**Sent:** 9 Feb 2016 16:06:59 +0000  
**To:** Funk, Renee (CDC/NIOSH/OD); Somers, Tarah S. (ATSDR/DCHI/EB)  
**Cc:** Elgethun, Kai (ATSDR/DCHI/WB); CDC IMS JIC Lead -3  
**Subject:** FW: FINAL review - ASAP - EPA fact sheet on bottled water, filters, and aerators  
**Attachments:** Flint\_unified\_24.pdf

Please advise if there are any concerns re: accuracy. Style matters are in EPA's lane for this one and have been discussed.

---

**From:** Grantham, Nancy [mailto:Grantham.Nancy@epa.gov]  
**Sent:** Tuesday, February 09, 2016 10:58 AM  
**To:** Michael, Gretchen (OS/ASPR/COO) <Gretchen.Michael@hhs.gov>; Cassell, Peter <cassell.peter@epa.gov>; Briseno, Lisa (CDC/OPHPR/DEO) <hsi0@cdc.gov>; Funk, Renee (CDC/NIOSH/OD) <rjf8@cdc.gov>  
**Cc:** Loop, Travis <Loop.Travis@epa.gov>; Hubbard, Carolyn <Hubbard.Carolyn@epa.gov>; Grantham, Nancy <Grantham.Nancy@epa.gov>; Durno, Mark <durno.mark@epa.gov>; Lam, Shelly <lam.shelly@epa.gov>  
**Subject:** FINAL review

All – we have tried to incorporate suggested edits from everyone – as well as feedback we are hearing from sampling teams on the ground.

Please review the attached and send any must do changes to me by 12 noon.

We are preparing to print this afternoon.

Also, please note that we will continuously update this fact sheet as we receive feedback and new information.

Thanks ng



# Flint Residents:

## Active Steps to Keeping Your Family Safe



Updated February 9, 2016

### Until further notice:

The Environmental Protection Agency (EPA) and the Centers for Disease Control and Prevention (CDC) agree that there is no safe blood lead level in children. Lead is harmful to health, especially for children. Until sufficient information is gained to determine when the water is safe to drink, EPA and CDC recommend that people only consume bottled or filtered water.

### Important Steps in Protecting Your Health


#### Bottled water for drinking, cooking or making formula


- Babies under 1 year old
- The safest choice for pregnant or breastfeeding women and kids under six years of age



Filtered water is a safe option only if your filter is certified to remove lead and you follow all the instructions on how to use it/when to replace it.

Bottled water and filters are available for free at Flint Fire Stations listed on the back of this sheet. The filters that have been provided to residents by local agencies meet certification to remove lead.

 **DO NOT** drink water straight from a faucet. It's not safe!  
**DO NOT** cook with unfiltered water  
**DO NOT** allow babies and children to drink bathwater

 **DO USE** an NSF-certified water filter rated to remove lead  
**DO RUN** cold water throughout the house for 2 minutes every morning to flush pipes  
**EVERYONE CAN** wash hands, bathe, or shower with unfiltered water

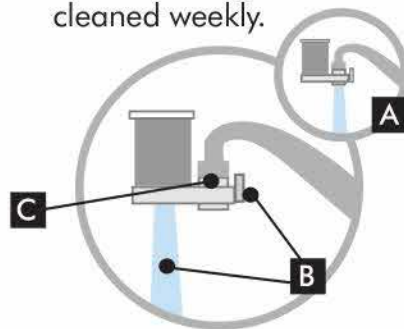
### Clean Aerators Weekly

- ① Unscrew the end-piece of your faucet where the water comes out. This is the aerator. (Make note of how the pieces come off, to put back together.)
- ② Remove the screen and rinse out any dirt that has collected.
- ③ Screw it back on.
- ④ Put your filter back on if you removed it.

### Your Water Filter

*\*see manual to install*

- A** You can run unfiltered and filtered water with the filter attached.
- B** For filtered water, switch lever so water will flow under the new cartridge.
- C** Your water filter also has a screen that should be cleaned weekly.



see backside of this sheet for important resources and facts on lead 

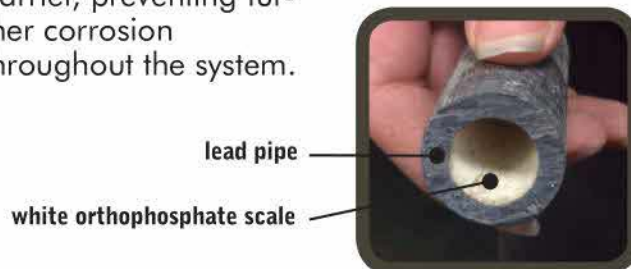
## Facts on Lead in Drinking Water

Lead can also enter drinking water when service pipes that contain lead corrode. Water utilities use corrosion control strategies (like adding orthophosphates) to provide a protective coating in pipes to help prevent corrosion.

Due to Flint's recent return to using water from the Great Lakes Water Authority, the protective coating within service lines is being built up to appropriate levels. EPA is currently collecting samples to determine the effectiveness of the corrosion control measures being taken.

## Facts on Lining Pipes with Orthophosphates

- Some water treatment systems add it in small amounts to the public water supply.
- It bonds to lead in pipes and acts as a barrier, preventing further corrosion throughout the system.



## Important Resources for Flint Residents

### To get your water tested for free

Email [flintwater@cityofflint.com](mailto:flintwater@cityofflint.com) or call the Flint Water Plant: 810-787-6537

### Questions about safe water

- Email [flintwater@epa.gov](mailto:flintwater@epa.gov)
- visit [www.epa.gov/Flint](http://www.epa.gov/Flint)
- or call EPA's free hotline: 800-426-4791

*The hotline will provide simultaneous telephonic interpretation into Spanish and other languages.*

### Health Questions

**(including blood tests or skin rashes)**

Contact your primary care provider, or  
Call: 2-1-1

### Appearance or odor of your water

Call Flint Water Plant: 810-787-6537

Free Bottled Water, Filters, and Home Water Testing Kits	Free Filters
<b>Every day from 9am - 9pm</b>	<b>Every day from 9am - 4pm</b>
Fire Station #1 310 East 5th St. in Flint, MI	Michigan Department of Health & Human Services 125 E. Union St. in Flint, MI
Fire Station #3 1525 Martin Luther King Ave. in Flint, MI	Michigan Department of Health and Human Services 4809 Clio Road in Flint, MI
Fire Station #5 3402 Western Rd. in Flint, MI	Genesee County Community Action Resource Department 2727 Lippincott in Flint, MI
Fire Station #6 716 West Pierson Rd. in Flint, MI	Genesee County Community Action Resource Department 601 N. Saginaw in Flint, MI
Fire Station #8 202 East Atherton Rd. in Flint, MI	Flint City Hall 101 Saginaw St #310 in Flint, MI



**From:** Briseno, Lisa (CDC/OPHPR/DEO)  
**Sent:** 9 Feb 2016 16:08:02 +0000  
**To:** Funk, Renee (CDC/NIOSH/OD); Somers, Tarah S. (ATSDR/DCHI/EB)  
**Cc:** Elgethun, Kai (ATSDR/DCHI/WB); CDC IMS JIC Lead -3  
**Subject:** RE: FINAL review - ASAP - EPA fact sheet on bottled water, filters, and aerators

EPA will consider noon as the final deadline for comment.

---

**From:** Briseno, Lisa (CDC/OPHPR/DEO)  
**Sent:** Tuesday, February 09, 2016 11:07 AM  
**To:** Funk, Renee (CDC/NIOSH/OD) <rjf8@cdc.gov>; Somers, Tarah S. (ATSDR/DCHI/EB) <tvs4@cdc.gov>  
**Cc:** Elgethun, Kai (ATSDR/DCHI/WB) <irz6@cdc.gov>; CDC IMS JIC Lead -3 <eocjiclead3@cdc.gov>  
**Subject:** FW: FINAL review - ASAP - EPA fact sheet on bottled water, filters, and aerators

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**To:** Michael, Gretchen (OS/ASPR/COO) <[Gretchen.Michael@hhs.gov](mailto:Gretchen.Michael@hhs.gov)>; Cassell, Peter <[cassell.peter@epa.gov](mailto:cassell.peter@epa.gov)>; Briseno, Lisa (CDC/OPHPR/DEO) <[hsi0@cdc.gov](mailto:hsi0@cdc.gov)>; Funk, Renee (CDC/NIOSH/OD) <[rjf8@cdc.gov](mailto:rjf8@cdc.gov)>  
**Cc:** Loop, Travis <[Loop.Travis@epa.gov](mailto:Loop.Travis@epa.gov)>; Hubbard, Carolyn <[Hubbard.Carolyn@epa.gov](mailto:Hubbard.Carolyn@epa.gov)>; Grantham, Nancy <[Grantham.Nancy@epa.gov](mailto:Grantham.Nancy@epa.gov)>; Durno, Mark <[durno.mark@epa.gov](mailto:durno.mark@epa.gov)>; Lam, Shelly <[lam.shelly@epa.gov](mailto:lam.shelly@epa.gov)>  
**Subject:** FINAL review

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**To:** Briseno, Lisa (CDC/OPHPR/DEO); Funk, Renee (CDC/NIOSH/OD); Somers, Tarah S. (ATSDR/DCHI/EB)  
**Cc:** CDC IMS JIC Lead -3  
**Subject:** RE: FINAL review - ASAP - EPA fact sheet on bottled water, filters, and aerators

## Important Steps in Protecting Your Health


### Bottled water for drinking, cooking or making formula

- Babies under 1 year old
- The safest choice for pregnant or breastfeeding women and kids under six years of age



Above: get rid of the bolded heading 'Bottled water for drinking...'  
Change to: two distinct bullets with no heading

- \*Use bottled water only for water, food and formula given to babies under 1 year old
- \*Bottled water is the safest choice for pregnant or breastfeeding women and kids 6 years of age

 **DO NOT** drink water straight from a faucet. It's not safe!  
**DO NOT** cook with unfiltered water  
**DO NOT** allow babies and children to drink bathwater

Above: add tooth brushing to this list of 'Do Nots'

<b>Free Bottled Water, Filters, and Home Water Testing Kits</b>	<b>Free Filters</b>
<b>Every day from 9am - 9pm</b>	<b>Every day from 9am - 4pm</b>
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Above: add bigger divider between columns so people read down, not across

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**From:** Briseno, Lisa (CDC/OPHPR/DEO)  
**Sent:** Tuesday, February 09, 2016 11:08 AM  
**To:** Funk, Renee (CDC/NIOSH/OD) <rjf8@cdc.gov>; Somers, Tarah S. (ATSDR/DCHI/EB) <tvs4@cdc.gov>  
**Cc:** Elgethun, Kai (ATSDR/DCHI/WB) <irz6@cdc.gov>; CDC IMS JIC Lead -3 <eocjiclead3@cdc.gov>  
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---

**From:** Briseno, Lisa (CDC/OPHPR/DEO)  
**Sent:** Tuesday, February 09, 2016 11:07 AM  
**To:** Funk, Renee (CDC/NIOSH/OD) <rjf8@cdc.gov>; Somers, Tarah S. (ATSDR/DCHI/EB) <tvs4@cdc.gov>  
**Cc:** Elgethun, Kai (ATSDR/DCHI/WB) <irz6@cdc.gov>; CDC IMS JIC Lead -3 <eocjiclead3@cdc.gov>  
**Subject:** FW: FINAL review - ASAP - EPA fact sheet on bottled water, filters, and aerators

Please advise if there are any concerns re: accuracy. Style matters are in EPA's lane for this one and have been discussed.

---

**From:** Grantham, Nancy [<mailto:Grantham.Nancy@epa.gov>]  
**Sent:** Tuesday, February 09, 2016 10:58 AM  
**To:** Michael, Gretchen (OS/ASPR/COO) <[Gretchen.Michael@hhs.gov](mailto:Gretchen.Michael@hhs.gov)>; Cassell, Peter <[cassell.peter@epa.gov](mailto:cassell.peter@epa.gov)>; Briseno, Lisa (CDC/OPHPR/DEO) <[hsi0@cdc.gov](mailto:hsi0@cdc.gov)>; Funk, Renee (CDC/NIOSH/OD) <[rjf8@cdc.gov](mailto:rjf8@cdc.gov)>  
**Cc:** Loop, Travis <[Loop.Travis@epa.gov](mailto:Loop.Travis@epa.gov)>; Hubbard, Carolyn <[Hubbard.Carolyn@epa.gov](mailto:Hubbard.Carolyn@epa.gov)>; Grantham, Nancy <[Grantham.Nancy@epa.gov](mailto:Grantham.Nancy@epa.gov)>; Durno, Mark <[durno.mark@epa.gov](mailto:durno.mark@epa.gov)>; Lam, Shelly <[lam.shelly@epa.gov](mailto:lam.shelly@epa.gov)>  
**Subject:** FINAL review

All – we have tried to incorporate suggested edits from everyone – as well as feedback we are hearing from sampling teams on the ground.

Please review the attached and send any must do changes to me by 12 noon.

We are preparing to print this afternoon.

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Thanks ng



**From:** Briseno, Lisa (CDC/OPHPR/DEO)  
**Sent:** 9 Feb 2016 16:53:37 +0000  
**To:** Grantham, Nancy  
**Cc:** Funk, Renee (CDC/NIOSH/OD); Elgethun, Kai (ATSDR/DCHI/WB); Somers, Tarah S. (ATSDR/DCHI/EB); Pearson-Clarke, Rosemary P. (CDC/ONDIEH/NCEH) (CTR)  
**Subject:** FW: FINAL review - ASAP - EPA fact sheet on bottled water, filters, and aerators

Nancy,

Please see CDC's comments below. Note that the tooth brushing language is suggested as that is what at least some EPA field staff are saying.

Thanks,

Lisa

---

**From:** Elgethun, Kai (ATSDR/DCHI/WB)  
**Sent:** Tuesday, February 09, 2016 11:40 AM  
**To:** Briseno, Lisa (CDC/OPHPR/DEO) <hsi0@cdc.gov>; Funk, Renee (CDC/NIOSH/OD) <rjf8@cdc.gov>; Somers, Tarah S. (ATSDR/DCHI/EB) <tvs4@cdc.gov>  
**Cc:** CDC IMS JIC Lead -3 <eocjiclead3@cdc.gov>  
**Subject:** RE: FINAL review - ASAP - EPA fact sheet on bottled water, filters, and aerators

## Important Steps in Protecting Your Health

### **Bottled water for drinking, cooking or making formula**

- Babies under 1 year old
- The safest choice for pregnant or breastfeeding women and kids under six years of age



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Change to: two distinct bullets with no heading

\*Use only bottled water for water, food and formula given to babies under 1 year old

\*Bottled water is the safest choice for pregnant or breastfeeding women and kids under 6 years of age



**DO NOT** drink water straight from a faucet. It's not safe!  
**DO NOT** cook with unfiltered water  
**DO NOT** allow babies and children to drink bathwater

Above: add tooth brushing to this list of 'Do Nots'

Free Bottled Water, Filters, and Home Water Testing Kits	Free Filters
Every day from 9am - 9pm	Every day from 9am - 4pm
Fire Station #1 310 East 5th St. in Flint, MI	Michigan Department of Health & Human Services 125 E. Union St. in Flint, MI
Fire Station #3 1525 Martin Luther King Ave. in Flint, MI	Michigan Department of Health and Human Services 4809 Clio Road in Flint, MI
Fire Station #5 3402 Western Rd. in Flint, MI	Genesee County Community Action Resource Department 2727 Lippincott in Flint, MI
Fire Station #6 716 West Pierson Rd. in Flint, MI	Genesee County Community Action Resource Department 601 N. Saginaw in Flint, MI
Fire Station #8 202 East Atherton Rd. in Flint, MI	Flint City Hall 101 Saginaw St #310 in Flint, MI

Above: add bigger divider between columns so people read down, not across

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**From:** Briseno, Lisa (CDC/OPHPR/DEO)

**Sent:** Tuesday, February 09, 2016 11:08 AM

**To:** Funk, Renee (CDC/NIOSH/OD) <[rjf8@cdc.gov](mailto:rjf8@cdc.gov)>; Somers, Tarah S. (ATSDR/DCHI/EB) <[tv54@cdc.gov](mailto:tv54@cdc.gov)>

**Cc:** Elgethun, Kai (ATSDR/DCHI/WB) <[irz6@cdc.gov](mailto:irz6@cdc.gov)>; CDC IMS JIC Lead -3 <[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)>

**Subject:** RE: FINAL review - ASAP - EPA fact sheet on bottled water, filters, and aerators

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**Sent:** Tuesday, February 09, 2016 11:07 AM

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**Cc:** Elgethun, Kai (ATSDR/DCHI/WB) <[irz6@cdc.gov](mailto:irz6@cdc.gov)>; CDC IMS JIC Lead -3 <[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)>

**Subject:** FW: FINAL review - ASAP - EPA fact sheet on bottled water, filters, and aerators

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**From:** Grantham, Nancy [<mailto:Grantham.Nancy@epa.gov>]

**Sent:** Tuesday, February 09, 2016 10:58 AM

**To:** Michael, Gretchen (OS/ASPR/COO) <[Gretchen.Michael@hhs.gov](mailto:Gretchen.Michael@hhs.gov)>; Cassell, Peter



<[cassell.peter@epa.gov](mailto:cassell.peter@epa.gov)>; Briseno, Lisa (CDC/OPHPR/DEO) <[hsi0@cdc.gov](mailto:hsi0@cdc.gov)>; Funk, Renee (CDC/NIOSH/OD) <[rjf8@cdc.gov](mailto:rjf8@cdc.gov)>

**Cc:** Loop, Travis <[Loop.Travis@epa.gov](mailto:Loop.Travis@epa.gov)>; Hubbard, Carolyn <[Hubbard.Carolyn@epa.gov](mailto:Hubbard.Carolyn@epa.gov)>; Grantham, Nancy <[Grantham.Nancy@epa.gov](mailto:Grantham.Nancy@epa.gov)>; Durno, Mark <[durno.mark@epa.gov](mailto:durno.mark@epa.gov)>; Lam, Shelly <[lam.shelly@epa.gov](mailto:lam.shelly@epa.gov)>

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**From:** Grantham, Nancy  
**Sent:** 9 Feb 2016 16:57:35 +0000  
**To:** Briseno, Lisa (CDC/OPHPR/DEO)  
**Cc:** Funk, Renee (CDC/NIOSH/OD); Elgethun, Kai (ATSDR/DCHI/WB); Somers, Tarah S. (ATSDR/DCHI/EB); Pearson-Clarke, Rosemary P. (CDC/ONDIEH/NCEH) (CTR)  
**Subject:** RE: FINAL review - ASAP - EPA fact sheet on bottled water, filters, and aerators

Thanks .. good changes ..ng

---

**From:** Briseno, Lisa (CDC/OPHPR/DEO) [mailto:[hsi0@cdc.gov](mailto:hsi0@cdc.gov)]  
**Sent:** Tuesday, February 09, 2016 11:54 AM  
**To:** Grantham, Nancy <[Grantham.Nancy@epa.gov](mailto:Grantham.Nancy@epa.gov)>  
**Cc:** Funk, Renee (CDC/NIOSH/OD) <[rjf8@cdc.gov](mailto:rjf8@cdc.gov)>; Elgethun, Kai (ATSDR/DCHI/WB) <[irz6@cdc.gov](mailto:irz6@cdc.gov)>; Somers, Tarah S. (ATSDR/DCHI/EB) <[tvsv4@cdc.gov](mailto:tvsv4@cdc.gov)>; Pearson-Clarke, Rosemary P. (CDC/ONDIEH/NCEH) (CTR) <[ygs1@cdc.gov](mailto:ygs1@cdc.gov)>  
**Subject:** FW: FINAL review - ASAP - EPA fact sheet on bottled water, filters, and aerators

Nancy,

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Above: add tooth brushing to this list of 'Do Nots'

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**Cc:** Loop, Travis <[Loop.Travis@epa.gov](mailto:Loop.Travis@epa.gov)>; Hubbard, Carolyn <[Hubbard.Carolyn@epa.gov](mailto:Hubbard.Carolyn@epa.gov)>; Grantham, Nancy <[Grantham.Nancy@epa.gov](mailto:Grantham.Nancy@epa.gov)>; Durno, Mark <[durno.mark@epa.gov](mailto:durno.mark@epa.gov)>; Lam, Shelly <[lam.shelly@epa.gov](mailto:lam.shelly@epa.gov)>  
**Subject:** FINAL review

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**From:** Funk, Renee (CDC/NIOSH/OD)  
**Sent:** 10 Feb 2016 20:03:42 +0000  
**To:** Briseno, Lisa (CDC/OPHPR/DEO); Wolfe, Herbert (CDC/ONDIEH/NCEH); Somers, Tarah S. (ATSDR/DCHI/EB)  
**Cc:** CDC IMS JIC Lead -3  
**Subject:** RE: Form submission from: Flint Contact Us About the Flint Drinking Water Response form

I am not sure if we will still have people here on March 4. But I would say if we are still here, then yes.

How about that?

Also can you start cc'ing Tarah on this stuff. Not clear if Herb is coming back tomorrow or not.

-----Original Message-----

From: Briseno, Lisa (CDC/OPHPR/DEO)  
Sent: Wednesday, February 10, 2016 3:01 PM  
To: Funk, Renee (CDC/NIOSH/OD) <rjf8@cdc.gov>; Wolfe, Herbert (CDC/ONDIEH/NCEH) <ywh2@cdc.gov>  
Cc: CDC IMS JIC Lead -3 <eocjiclead3@cdc.gov>  
Subject: FW: Form submission from: Flint Contact Us About the Flint Drinking Water Response form

Renée, Herb,

What do you think about attending?

Thanks,

Lisa

-----Original Message-----

From: Cassell, Peter [<mailto:cassell.peter@epa.gov>]  
Sent: Wednesday, February 10, 2016 2:59 PM  
To: Briseno, Lisa (CDC/OPHPR/DEO) <hsi0@cdc.gov>  
Subject: Fw: Form submission from: Flint Contact Us About the Flint Drinking Water Response form

Feel free to connect with Diane on this.

---

From: Russell, Diane  
Sent: Wednesday, February 10, 2016 1:51 PM  
To: Cassell, Peter  
Cc: Durno, Mark; Lam, Shelly; Lippert, Jeffrey; Kelley, Jeff; Kelly, Brian  
Subject: FW: Form submission from: Flint Contact Us About the Flint Drinking Water Response form

Peter,

This was a request forwarded to me by someone from the kidney foundation. This sounds like a great event - we may want to think about EPA staffing on this, but I think we would definitely like to have a HHS/CDC rep available for questions or even as part of the presentation.

Thoughts? Can you pass this along and see if they can have someone? This event is coming up on March 4th and I'd like to get this scheduled if we can.

Thank you!!

Diane Russell  
Community Involvement Coordinator  
U.S. EPA Region 5 Superfund Division  
Saginaw Community Information Office  
804 S. Hamilton St., Suite 111  
Saginaw, MI 48602

Office: 989-401-5507  
Cell: 989-395-3493

-----Original Message-----

From: D. Jenkins [<mailto:djenkins@universalkidneyfoundation.org>]  
Sent: Wednesday, February 10, 2016 2:25 PM  
To: Russell, Diane <[russell.diane@epa.gov](mailto:russell.diane@epa.gov)>  
Subject: RE: Form submission from: Flint Contact Us About the Flint Drinking Water Response form

Ms. Russell,

Good afternoon, it is my belief this particular group would be interested in understanding the effects of lead in the body for adults and children. Also, some safety precautions they should be taking for themselves, their children and the elderly. I would be great if someone could do a 30 min. presentation and Q & A for about 15 min. This event is being held at a shelter in the heart of downtown Flint. A PowerPoint presentation would be nice however if it is easier the use of handouts will sufficient. Some of the questions asked will probably be more focused on your article, the best way the EPA believes this crisis can be resolved, what steps can an individual take to ensure they or their family members do not have lead poisoning. Again, how does the lead effect the health of children and adults. Would there be a charge for this presentation?

Please feel free to contact me at 810-744-1117 if you have any questions .

Danette

-----Original Message-----

From: Russell, Diane [<mailto:russell.diane@epa.gov>]  
Sent: Tuesday, February 09, 2016 5:50 PM  
To: [djenkins@universalkidneyfoundation.org](mailto:djenkins@universalkidneyfoundation.org)  
Cc: Kelley, Jeff; Nowotarski, Allison  
Subject: RE: Form submission from: Flint Contact Us About the Flint Drinking Water Response form

Hello - I am following up from the request you had sent through our [www.epa.gov/flintwater](http://www.epa.gov/flintwater) website. I'd like to know more about your request. Would you like an EPA representative to talk about our response or are you more interested in a health professional to discuss health questions? How long would you like the presenter to talk? Are you looking for a formal presentation with a powerpoint? What types of questions would your audience look to have answered?  
Thank you for your interest!

Diane Russell  
Community Involvement Coordinator  
U.S. EPA Region 5 Superfund Division  
Saginaw Community Information Office  
804 S. Hamilton St., Suite 111  
Saginaw, MI 48602

Office: 989-401-5507  
Cell: 989-395-3493

-----Original Message-----

From: FlintWater

Sent: Tuesday, February 09, 2016 5:32 PM

To: Russell, Diane <[russell.diane@epa.gov](mailto:russell.diane@epa.gov)>

Subject: FW: Form submission from: Flint Contact Us About the Flint Drinking Water Response form

-----Original Message-----

From: drupal\_admin@epa.gov [[mailto:drupal\\_admin@epa.gov](mailto:drupal_admin@epa.gov)]

Sent: Tuesday, February 09, 2016 3:32 PM

To: FlintWater <[FlintWater@epa.gov](mailto:FlintWater@epa.gov)>

Subject: Form submission from: Flint Contact Us About the Flint Drinking Water Response form

Submitted on 02/09/2016 3:31PM

Submitted values are:

Name: Danette

Email: [djenkins@universalkidneyfoundation.org](mailto:djenkins@universalkidneyfoundation.org)

Comments: I would like to see if I can get a representative to do q and a at an event on March 4th, 2016 3-6

Web Area: Flint



**From:** IRCT1.FUSN (HHS/ASPR)  
**Sent:** 11 Feb 2016 14:15:56 +0000  
**To:** Voirin, Anthony (OS/ASPR/OEM); Jones, Kamara (OS/ASPA); Woods, Larry (HHS/ASPR) (CTR); Michael, Gretchen (OS/ASPR/COO); Hadzibegovic, Diana (OS/ASPR/OEM); sandra.macmartin@fns.usda.gov; (b) (6) Wierzbowski, John (HHS/ASPR) (CTR); Eckes, Jeanne (OS/ASPR/OEM); donald.mobley@fema.dhs.gov; Fletcher, Vista (USDA); michael.l.polsinelli@hud.gov; kenneth.rathje@fema.dhs.gov; warren.riley@fema.dhs.gov; Odom, Janet (OS/ASPR/OEM); IRCT1.FUSN (HHS/ASPR); earl.zuelke@fema.dhs.gov; Durno, Mark; Bowman, Thomas (OS/ASPR/OEM); Mason, Byron (OS/ASPR/OEM); Funk, Renee (CDC/NIOSH/OD); Formanski, Stephen (OS/ASPR/OEM); john.gibbons@hhs.gov; Somers, Tarah S. (ATSDR/DCHI/EB)  
**Subject:** Fw: City of Flint Fast Start Plan

---

**From:** Durno, Mark <durno.mark@epa.gov>  
**Sent:** Thursday, February 11, 2016 8:33 AM  
**To:** IRCT1.FUSN (HHS/ASPR)  
**Subject:** FW: City of Flint Fast Start Plan

FYI – as discussed.

---

**Mark Durno**  
Homeland Security Advisor / Deputy Chief  
Emergency Response Branch  
**U.S. Environmental Protection Agency**  
25063 Center Ridge Road  
Westlake, OH 44145  
440-250-1743

---

**From:** Deltoral, Miguel  
**Sent:** Thursday, February 11, 2016 8:19 AM  
**To:**  
**Subject:** City of Flint Fast Start Plan

Good morning all,

On Tuesday (February 9, 2016), the City of Flint announced a “Fast Start” plan to begin removing lead service lines in Flint as early as March 2016 should funding become available. Although it is widely recognized that the full removal of lead service lines would be the most effective means to eliminate the threat from lead in drinking water and there is an understandable urgency to restore a safe drinking water supply to the residents of Flint, proper planning is essential. There are a number of concerns that should be addressed prior to any planned lead service line replacement work to prevent

adverse public health consequences and to make the most efficient use of limited resources.

Similar to many other cities the water mains and other distribution system infrastructure in Flint are very old, and the extent of any additional damage sustained by the infrastructure is unknown. It is reasonable to expect the possibility of water main ruptures occurring during lead service line replacement and contingency plans should be put into place so that appropriate actions to safeguard public health and minimize water service disruptions are in place. One key concern in this regard is that many of the valves are currently not accessible as they have been paved over and the operational status of approximately 400 of these valves is unknown at this time. Prior to undertaking lead service line replacement activities, the locations and functionality of the valves should be assessed so that water main isolation and main repair/replacement can be conducted as quickly as possible to minimize service disruptions.

Also of concern from a water quality standpoint is that the infrastructure in Flint is sized for a significantly greater population and usage. To the extent it is practical, the City should consider making targeted infrastructure changes, such as water main and valve replacement, where the water mains are oversized, or have exceeded or will exceed their design life in the near future. Conducting this targeted infrastructure work in conjunction with the lead service line replacement effort would utilize limited resources in a more cost-effective manner and will result in longer-term water quality improvements for the citizens of Flint.

As with all public works efforts, a communication plan should be developed to inform residents of any upcoming work on their street and proper instructions should be provided to residents for thoroughly flushing their home plumbing following any water main or service line work.

Miguel A. Del Toral  
Regulations Manager  
U.S. EPA R5 GWDWB  
77 West Jackson Blvd, (WG-15J)  
Chicago, IL 60604  
Phone: (312) 886-5253

**From:** CDC IMS JIC Lead -3  
**Sent:** 11 Feb 2016 20:48:31 +0000  
**To:** Jeddy, Zuha (CDC/ONDIEH/NCEH) (CTR)  
**Cc:** Dunnick, Amanda K. (CDC/OID/NCEZID); Schurz Rogers, Helen (CDC/ONDIEH/NCEH); Somers, Tarah S. (ATSDR/DCHI/EB); Briseno, Lisa (CDC/OPHPR/DEO); CDC IMS JIC Lead -3; Wigington, Pamela S. (CDC/ONDIEH/NCEH)  
**Subject:** Clearance FW: Talking points for Saturday

Hi Zuha, the answers in the Q&A below have been vetted previously and are in prep as talking points for a Saturday meeting with educators in Flint. Thanks to Pam Wigington for pulling the answers together.

Please let us know if we can give Tarah Somers the okay to use them, if needed, on Saturday. Thanks for your help. - Susan

JIC Leadership - 2016 Flint MI Response  
Centers for Disease Control and Prevention  
Agency for Toxic Substances and Disease Registry  
CDC/ATSDR Joint Information Center  
[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)

---

**From:** Wigington, Pamela S. (CDC/ONDIEH/NCEH)  
**Sent:** Thursday, February 11, 2016 2:35 PM  
**To:** McBreairty, Susan J. (ATSDR/OCOM)  
**Cc:** CDC IMS JIC Lead -3; Jones, Nadonna (CDC/ONDIEH/NCEH); Scheel, Christian (CDC/ONDIEH/NCEH); Cope, Cristina (ATSDR/OCOM/HCT); Alvey, Robert (CDC/OPHPR/DEO); Briseno, Lisa (CDC/OPHPR/DEO); Waters, Kellee L. (CDC/OPHPR/DEO)  
**Subject:** RE: Talking points for Saturday

Hi, Susan,

[Here you go.](#)

Question	Response/Referral
1. Is it safe for adults to shower or bathe with Flint water?	(b)(5)
2. Can babies be bathed in tap water?	

	(b)(5)
3. What are normal levels of chlorine?	
4. Are you testing for just lead, or other elements as well?	
5. Is this lead issue going to continue until all pipes are replaced?	
6. Washing dishes and doing laundry with unfiltered water. Is it safe?	
7. Rashes, dermatitis and other skin issues after bathing with tap water.	
8. My clothes are itchy, is this the result of washing them with contaminated water?	
9. Do showers need filters?	
10. Lack of information from the media.	
11. What happened at the water treatment plant	
12. Why are you using ortho-phosphate instead of replacing the pipes?	
13. Does contaminated water cause skin cancer?	
14. Is the contaminated water going to destroy my vital organs?	
15. Does the contaminated water dry out your skin and scalp?	
16. No one, including the media, water plant chemist, city or state in the beginning are we suppose to be thankful now because you're here?	
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30. Virginia Tech has already been here, and are the only people we trust. Why are you here?	

**Pam Wigington**

Associate Director for Communication || Division of Emergency and Environmental Health Services (DEEHS) || CDC/National Center for Environmental Health

Office: 770-488-4599 || Email: [piw4@cdc.gov](mailto:piw4@cdc.gov) || Cell: 404-717-2069

I telework on Tuesdays, Thursdays, and alternate Fridays. Today I am teleworking until 2:30 p.m. **\*\*Call my office # to reach me\*\***

**From:** McBreairty, Susan J. (ATSDR/OCOM)

**Sent:** Thursday, February 11, 2016 8:11 AM

**To:** Wigington, Pamela S. (CDC/ONDIEH/NCEH) <[piw4@cdc.gov](mailto:piw4@cdc.gov)>; Cope, Cristina (ATSDR/OCOM/HCT) <[kcu1@cdc.gov](mailto:kcu1@cdc.gov)>

**Cc:** CDC IMS JIC Lead -3 <[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)>; Jones, Nadonnia (CDC/ONDIEH/NCEH) <[gni5@cdc.gov](mailto:gni5@cdc.gov)>; Scheel, Christian (CDC/ONDIEH/NCEH) <[bjn2@cdc.gov](mailto:bjn2@cdc.gov)>; Alvey, Robert (CDC/OPHPR/DEO) <[yqw9@cdc.gov](mailto:yqw9@cdc.gov)>; Briseno, Lisa (CDC/OPHPR/DEO) <[hsi0@cdc.gov](mailto:hsi0@cdc.gov)>; Waters, Kellee L. (CDC/OPHPR/DEO) <[kuw7@cdc.gov](mailto:kuw7@cdc.gov)>

**Subject:** FW: Talking points for Saturday

Hi Pam, am checking in to see if your shop has worked on FAQs; particularly the list in the email trail below. If not, do you know who we can follow up with?

Looking for input by COB today. Thanks for your help. – Susan

JIC Leadership - 2016 Flint Water Response  
Centers for Disease Control and Prevention  
Agency for Toxic Substances and Disease Registry  
CDC/ATSDR Joint Information Center  
[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)

**From:** CDC IMS JIC Lead -3

**Sent:** Thursday, February 11, 2016 7:22:15 AM (UTC-05:00) Eastern Time (US & Canada)

**To:** Briseno, Lisa (CDC/OPHPR/DEO)

**Cc:** Scheel, Christian (CDC/ONDIEH/NCEH); CDC IMS JIC Admin

**Subject:** RE: Talking points for Saturday

Thanks. Is there anyone who is cross-checking these questions against cleared answers?



Bob Alvey  
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**From:** Cassell, Peter  
**Sent:** Sunday, February 07, 2016 11:56:35 AM (UTC-05:00) Eastern Time (US & Canada)  
**To:** Michael, Gretchen (OS/ASPR/COO); Jacqueline Chandler; [kesha.waites@fema.dhs.gov](mailto:kesha.waites@fema.dhs.gov);  
(b)(6) CDC IMS JIC Lead -3  
**Cc:** Russell, Diane; Kelley, Jeff; Grantham, Nancy; Abrams, Dan; Lee, Monica; Nowotarski, Allison  
**Subject:** Fw: FAQ

Hey all -

Our community involvement group has put together a list of questions from residents they have been speaking to as we have been here in Flint. Please pass this along to anyone else in the UCG looking to understand the "pulse" of the community.

Thanks!  
Pete Cassell

---

#### Frequently Asked Questions

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- \* Can babies be bathed in tap water?
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**From:** Briseno, Lisa (CDC/OPHPR/DEO)  
**Sent:** 11 Feb 2016 22:01:00 +0000  
**To:** Cassell, Peter  
**Cc:** CDC IMS JIC Lead -3; Somers, Tarah S. (ATSDR/DCHI/EB); Elgethun, Kai (ATSDR/DCHI/WB); Hunter, Candis (ATSDR/DTHHS/EEB); Ritter, Troy (CDC/ONDIEH/NCEH)  
**Subject:** FW: Clearance FW: Talking points for Saturday

Pete,

Here is what we have so far. Note that these are draft. I've copied our SMEs as we wait for final versions.

Lisa

---

**From:** CDC IMS JIC Lead -3  
**Sent:** Thursday, February 11, 2016 3:49 PM  
**To:** Jeddy, Zuha (CDC/ONDIEH/NCEH) (CTR) <ykl3@cdc.gov>  
**Cc:** Dunnick, Amanda K. (CDC/OID/NCEZID) <abd5@cdc.gov>; Schurz Rogers, Helen (CDC/ONDIEH/NCEH) <hhs0@cdc.gov>; Somers, Tarah S. (ATSDR/DCHI/EB) <tvs4@cdc.gov>; Briseno, Lisa (CDC/OPHPR/DEO) <hsi0@cdc.gov>; CDC IMS JIC Lead -3 <eocjiclead3@cdc.gov>; Wigington, Pamela S. (CDC/ONDIEH/NCEH) <piw4@cdc.gov>  
**Subject:** Clearance FW: Talking points for Saturday

Hi Zuha, the answers in the Q&A below have been vetted previously and are in prep as talking points for a Saturday meeting with educators in Flint. Thanks to Pam Wigington for pulling the answers together. Please let us know if we can give Tarah Somers the okay to use them, if needed, on Saturday. Thanks for your help. - Susan

JIC Leadership - 2016 Flint MI Response  
Centers for Disease Control and Prevention  
Agency for Toxic Substances and Disease Registry  
CDC/ATSDR Joint Information Center  
[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)

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**From:** Wigington, Pamela S. (CDC/ONDIEH/NCEH)  
**Sent:** Thursday, February 11, 2016 2:35 PM  
**To:** McBreaity, Susan J. (ATSDR/OCOM)  
**Cc:** CDC IMS JIC Lead -3; Jones, Nadonna (CDC/ONDIEH/NCEH); Scheel, Christian (CDC/ONDIEH/NCEH); Cope, Cristina (ATSDR/OCOM/HCT); Alvey, Robert (CDC/OPHPR/DEO); Briseno, Lisa (CDC/OPHPR/DEO); Waters, Kellee L. (CDC/OPHPR/DEO)  
**Subject:** RE: Talking points for Saturday

Hi, Susan,

Here you go.

Question	Response/Referral
1. Is it safe for adults to shower or bathe with	(b)(5)

Flint water?	(b)(5)
2. Can babies be bathed in tap water?	
3. What are normal levels of chlorine?	
4. Are you testing for just lead, or other elements as well?	
5. Is this lead issue going to continue until all pipes are replaced?	
6. Washing dishes and doing laundry with unfiltered water. Is it safe?	
7. Rashes, dermatitis and other skin issues after bathing with tap water.	
8. My clothes are itchy, is this the result of washing them with contaminated water?	
9. Do showers need filters?	
10. Lack of information from the media.	
11. What happened at the water treatment plant	
12. Why are you using ortho-phosphate instead of replacing the pipes?	

13. Does contaminated water cause skin cancer?	(b)(5)
14. Is the contaminated water going to destroy my vital organs?	
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**Cc:** CDC IMS JIC Lead -3 <[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)>; Jones, Nadonna (CDC/ONDIEH/NCEH) <[gni5@cdc.gov](mailto:gni5@cdc.gov)>; Scheel, Christian (CDC/ONDIEH/NCEH) <[bjn2@cdc.gov](mailto:bjn2@cdc.gov)>; Alvey, Robert (CDC/OPHPR/DEO) <[yqw9@cdc.gov](mailto:yqw9@cdc.gov)>; Briseno, Lisa (CDC/OPHPR/DEO) <[hsi0@cdc.gov](mailto:hsi0@cdc.gov)>; Waters, Kellee L. (CDC/OPHPR/DEO) <[kuw7@cdc.gov](mailto:kuw7@cdc.gov)>

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**To:** Briseno, Lisa (CDC/OPHPR/DEO)  
**Cc:** Scheel, Christian (CDC/ONDIEH/NCEH); CDC IMS JIC Admin  
**Subject:** RE: Talking points for Saturday

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**Cc:** Russell, Diane; Kelley, Jeff; Grantham, Nancy; Abrams, Dan; Lee, Monica; Nowotarski, Allison  
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**From:** Briseno, Lisa (CDC/OPHPR/DEO)  
**Sent:** 12 Feb 2016 14:26:58 +0000  
**To:** Somers, Tarah S. (ATSDR/DCHI/EB); Pearson-Clarke, Rosemary P. (CDC/ONDIEH/NCEH) (CTR)  
**Cc:** CDC IMS JIC Lead -3  
**Subject:** Fw: Draft EPA Statement of Flint Water Main Break, Boil Water Order  
**Attachments:** Bacteria\_PR.DOC, No Bacteria\_PR.DOC

Sent from my BlackBerry 10 smartphone.

**From:** Bolger, Matt (MSP) <BolgerM@michigan.gov>  
**Sent:** Friday, February 12, 2016 9:16 AM  
**To:** Bassler, Rachel; Briseno, Lisa (CDC/OPHPR/DEO); patricia.elhinnaway@fda.hhs.gov  
**Cc:** Michael, Gretchen (OS/ASPR/COO); kate.migliacelo@hhs.gov; Wheaton, Bob (DHHS); Brown, Melanie (DEQ)  
**Subject:** RE: Draft EPA Statement of Flint Water Main Break, Boil Water Order

Great!

Thanks Rachel.

Here are our two options for the lifting of the boil water advisory. We believe it will be the "No Bacteria Found" release as there has not been any found yet. We will keep both in the can until we get official word that the city is lifting the advisory.

---

**From:** Bassler, Rachel [mailto:Bassler.Rachel@epa.gov]  
**Sent:** Friday, February 12, 2016 9:07 AM  
**To:** Bolger, Matt (MSP); Briseno, Lisa (CDC/OPHPR/DEO); patricia.elhinnaway@fda.hhs.gov  
**Cc:** Michael, Gretchen (OS/ASPR/COO)  
**Subject:** FW: Draft EPA Statement of Flint Water Main Break, Boil Water Order

Hello All,

Below is a draft desk statement EPA would like to put out this morning (2/12/16) about the water main break and boil order. Please let me know if you all approve.

#### **EPA Statement of Flint Water Main Break, Boil Water Order**

U.S. EPA is working closely with the City of Flint and Michigan Department of Environmental Quality on the recent water main break and boil order. After the water transmission line broke on Feb. 9, EPA coordinated with CDC, ATSDR and other members of the Flint Water Response Unified Coordination Group to determine what additional steps residents should take given the current issues with lead in drinking water.

Flint residents have been advised to either drink bottled water or to drink boiled water that has been already been filtered through an NSF-certified filter rated to remove lead. Use only bottled water for water, food and formula given to babies under 1 year old. Bottled water is the safest choice for pregnant or breastfeeding women and kids under 6 years of age.

The city has isolated the broken main, and following established protocols, has checked residual chlorine levels in the drinking water system and conducted two rounds of microbial testing. The first round of microbial testing found no contamination. If the second round is also clean, the city will lift the boil order, although residents should still drink only filtered or bottled water because of the ongoing lead issue.

Especially in winter, water main breaks are common in Flint and other cities with older infrastructure. When these breaks occur, cities follow established protocols to notify residents and to ensure the safety of drinking water.

Thanks,  
Rachel

Rachel Bassler  
EPA Region 5  
[bassler.rachel@epa.gov](mailto:bassler.rachel@epa.gov)  
p: 312-886-7159  
c: 312-914-3393



## STATE OF MICHIGAN JOINT INFORMATION CENTER

### NEWS RELEASE

**FOR IMMEDIATE RELEASE**  
**February 12, 2016**  
**Release #: 36**

**For more information contact:**  
**Joint Information Center**  
**888-EMD-TODAY (888-363-8632)**

#### **Boil Water Advisory Lifted; Citizens Advised to Replace Water Filter Cartridges** *Free water filters, cartridges, bottled water, testing kits available at resource sites*

**FLINT, Mich.** The boil water advisory issued by the city of Flint has been lifted, but residents are advised to take a few precautions to ensure their water is safe for use.

The boil water advisory was issued in response to a water main break on Feb. 9 that caused a loss of pressure in the water distribution system. Whenever a water system loses pressure for a significant length of time, bacteria contamination can result.

Because bacteria were identified during testing, residents should replace their water cartridges. However, no harmful bacteria are currently in the water.

Previously installed water filters are still safe to use after the cartridge has been replaced. Residents should be sure to follow the water filter manufacturer replacement instructions as some filters have additional procedures that must be performed.

Citizens should continue use of filtered water for drinking, food preparation, brushing teeth and watering pets. Unfiltered water may be used for bathing and cleaning. Pregnant woman and children under six should drink bottled water.

Free water filter cartridges, water filters, bottled water and water testing kits are available at water resource sites that remain open daily from 9 a.m. to 9 p.m. and are located at:

Fire Station #1 (also a water bottle recycling site)  
310 East 5th St.

Fire Station #3  
1525 Martin Luther King Ave.

Fire Station #5 (also a water bottle recycling site)  
3402 Western Rd.

**MORE**



Fire Station #6  
716 West Pierson Rd

Fire Station #8 (also a water bottle recycling site)  
202 East Atherton Rd.

All water filters distributed by the State of Michigan are [certified by NSF International](#) for lead reduction. Individuals wishing to verify that a specific filter is NSF-certified can do so via the [NSF website](#).

The State of Michigan continues to coordinate response efforts in partnership with the city of Flint, Genesee County and local community organizations.

Additional information is available at [www.michigan.gov/flintwater](http://www.michigan.gov/flintwater), by calling 211 or visiting [www.helpforflint.com](http://www.helpforflint.com).

###

**NOTE: ALL MEDIA INQUIRIES ARE BEING HANDLED BY THE JOINT INFORMATION CENTER AT 888-EMD-TODAY (888-363-8632).**





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**Release #: 36**

**For more information contact:**  
**Joint Information Center**  
**888-EMD-TODAY (888-363-8632)**

### **Boil Water Advisory Lifted by City of Flint** *No Bacteria Identified*

**FLINT, Mich.** The city of Flint has lifted its boil water advisory, with the repair of the water main break that occurred on Feb. 9.

Residents no longer need to boil their filtered or bottled water for use, as testing did not reveal any bacteria during the water main break or after it was repaired. The boil water advisory was issued as a precautionary measure because the loss of pressure in the water distribution system can make the system vulnerable to bacterial contamination.

Previously installed water filters are still safe to use given the absence of bacteria. However, residents are reminded to check their water filter indicator and replace the filter cartridge, if needed. Individuals should follow the water filter manufacturer replacement instructions.

Residents are reminded to continue use of filtered water for drinking, food preparation, brushing teeth and pets. Unfiltered water may be used for bathing and cleaning. Pregnant woman and children under six year of age should drink bottled water.

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**From:** Briseno, Lisa (CDC/OPHPR/DEO)  
**Sent:** 12 Feb 2016 14:43:18 +0000  
**To:** CDC IMS JIC Lead -3;Scheel, Christian (CDC/ONDIEH/NCEH);Alvey, Robert (CDC/OPHPR/DEO)  
**Cc:** Somers, Tarah S. (ATSDR/DCHI/EB);Bassler, Rachel  
**Subject:** FW: Draft EPA Statement of Flint Water Main Break, Boil Water Order  
**Attachments:** Bacteria\_PR.DOC, No Bacteria\_PR.DOC  
**Importance:** High

JIC Lead,

The state is putting out the attached media releases. EPA is also planning on putting out the language below. As it refers to CDC & ATSDR, my understanding is that it needs to go through the CDC approval chains. As EPA anticipates putting this out this morning, I'm not sure of the best approach to handle, but we need to provide a prompt response.

(b)(5)

Lisa

---

**From:** Bolger, Matt (MSP) [mailto:BolgerM@michigan.gov]  
**Sent:** Friday, February 12, 2016 9:15 AM  
**To:** Bassler, Rachel <Bassler.Rachel@epa.gov>; Briseno, Lisa (CDC/OPHPR/DEO) <hsi0@cdc.gov>; patricia.elhinnaway@fda.hhs.gov  
**Cc:** Michael, Gretchen (OS/ASPR/COO) <Gretchen.Michael@hhs.gov>; kate.migliacelo@hhs.gov; Wheaton, Bob (DHHS) <WheatonB@michigan.gov>; Brown, Melanie (DEQ) <BrownM45@michigan.gov>  
**Subject:** RE: Draft EPA Statement of Flint Water Main Break, Boil Water Order

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Especially in winter, water main breaks are common in Flint and other cities with older infrastructure. When these breaks occur, cities follow established protocols to notify residents and to ensure the safety of drinking water.

Thanks,  
Rachel

Rachel Bassler  
EPA Region 5  
[bassler.rachel@epa.gov](mailto:bassler.rachel@epa.gov)  
p: 312-886-7159  
c: 312-914-3393



## STATE OF MICHIGAN JOINT INFORMATION CENTER

### NEWS RELEASE

**FOR IMMEDIATE RELEASE**  
**February 12, 2016**  
**Release #: 36**

**For more information contact:**  
**Joint Information Center**  
**888-EMD-TODAY (888-363-8632)**

#### **Boil Water Advisory Lifted; Citizens Advised to Replace Water Filter Cartridges** *Free water filters, cartridges, bottled water, testing kits available at resource sites*

**FLINT, Mich.** The boil water advisory issued by the city of Flint has been lifted, but residents are advised to take a few precautions to ensure their water is safe for use.

The boil water advisory was issued in response to a water main break on Feb. 9 that caused a loss of pressure in the water distribution system. Whenever a water system loses pressure for a significant length of time, bacteria contamination can result.

Because bacteria were identified during testing, residents should replace their water cartridges. However, no harmful bacteria are currently in the water.

Previously installed water filters are still safe to use after the cartridge has been replaced. Residents should be sure to follow the water filter manufacturer replacement instructions as some filters have additional procedures that must be performed.

Citizens should continue use of filtered water for drinking, food preparation, brushing teeth and watering pets. Unfiltered water may be used for bathing and cleaning. Pregnant woman and children under six should drink bottled water.

Free water filter cartridges, water filters, bottled water and water testing kits are available at water resource sites that remain open daily from 9 a.m. to 9 p.m. and are located at:

Fire Station #1 (also a water bottle recycling site)  
310 East 5th St.

Fire Station #3  
1525 Martin Luther King Ave.

Fire Station #5 (also a water bottle recycling site)  
3402 Western Rd.

**MORE**



Fire Station #6  
716 West Pierson Rd

Fire Station #8 (also a water bottle recycling site)  
202 East Atherton Rd.

All water filters distributed by the State of Michigan are [certified by NSF International](#) for lead reduction. Individuals wishing to verify that a specific filter is NSF-certified can do so via the [NSF website](#).

The State of Michigan continues to coordinate response efforts in partnership with the city of Flint, Genesee County and local community organizations.

Additional information is available at [www.michigan.gov/flintwater](http://www.michigan.gov/flintwater), by calling 211 or visiting [www.helpforflint.com](http://www.helpforflint.com).

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### **Boil Water Advisory Lifted by City of Flint** *No Bacteria Identified*

**FLINT, Mich.** The city of Flint has lifted its boil water advisory, with the repair of the water main break that occurred on Feb. 9.

Residents no longer need to boil their filtered or bottled water for use, as testing did not reveal any bacteria during the water main break or after it was repaired. The boil water advisory was issued as a precautionary measure because the loss of pressure in the water distribution system can make the system vulnerable to bacterial contamination.

Previously installed water filters are still safe to use given the absence of bacteria. However, residents are reminded to check their water filter indicator and replace the filter cartridge, if needed. Individuals should follow the water filter manufacturer replacement instructions.

Residents are reminded to continue use of filtered water for drinking, food preparation, brushing teeth and pets. Unfiltered water may be used for bathing and cleaning. Pregnant woman and children under six year of age should drink bottled water.

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**Sent:** 12 Feb 2016 17:15:52 +0000  
**To:** Briseno, Lisa (CDC/OPHPR/DEO); CDC IMS JIC Lead -3; Scheel, Christian (CDC/ONDIEH/NCEH); Alvey, Robert (CDC/OPHPR/DEO)  
**Cc:** Somers, Tarah S. (ATSDR/DCHI/EB)  
**Subject:** RE: Draft EPA Statement of Flint Water Main Break, Boil Water Order

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**Cc:** Somers, Tarah S. (ATSDR/DCHI/EB) <[tv4@cdc.gov](mailto:tv4@cdc.gov)>; Bassler, Rachel <[Bassler.Rachel@epa.gov](mailto:Bassler.Rachel@epa.gov)>  
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**Cc:** Michael, Gretchen (OS/ASPR/COO) <[Gretchen.Michael@hhs.gov](mailto:Gretchen.Michael@hhs.gov)>; [kate.migliacelo@hhs.gov](mailto:kate.migliacelo@hhs.gov); Wheaton, Bob (DHHS) <[WheatonB@michigan.gov](mailto:WheatonB@michigan.gov)>; Brown, Melanie (DEQ) <[BrownM45@michigan.gov](mailto:BrownM45@michigan.gov)>  
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**Sent:** Friday, February 12, 2016 9:07 AM  
**To:** Bolger, Matt (MSP); Briseno, Lisa (CDC/OPHPR/DEO); [patricia.elhinnaway@fda.hhs.gov](mailto:patricia.elhinnaway@fda.hhs.gov)  
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**From:** Briseno, Lisa (CDC/OPHPR/DEO)  
**Sent:** 12 Feb 2016 17:22:39 +0000  
**To:** CDC IMS JIC Lead -3; Somers, Tarah S. (ATSDR/DCHI/EB)  
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**To:** Briseno, Lisa (CDC/OPHPR/DEO); Somers, Tarah S. (ATSDR/DCHI/EB)  
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Is this internal?

Bob Alvey  
JIC Leadership - 2016 Flint MI Response  
Centers for Disease Control and Prevention  
Agency for Toxic Substances and Disease Registry  
CDC/ATSDR Joint Information Center  
[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)

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**Sent:** Friday, February 12, 2016 12:22 PM  
**To:** CDC IMS JIC Lead -3; Somers, Tarah S. (ATSDR/DCHI/EB)  
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**Cc:** Michael, Gretchen (OS/ASPR/COO) <[Gretchen.Michael@hhs.gov](mailto:Gretchen.Michael@hhs.gov)>; [kate.migliacelo@hhs.gov](mailto:kate.migliacelo@hhs.gov); Wheaton, Bob (DHHS) <[WheatonB@michigan.gov](mailto:WheatonB@michigan.gov)>; Brown, Melanie (DEQ) <[BrownM45@michigan.gov](mailto:BrownM45@michigan.gov)>  
**Subject:** RE: Draft EPA Statement of Flint Water Main Break, Boil Water Order

Great!

Thanks Rachel.

Here are our two options for the lifting of the boil water advisory. We believe it will be the "No Bacteria Found" release as there has not been any found yet. We will keep both in the can until we get official word that the city is lifting the advisory.

---

**From:** Bassler, Rachel [<mailto:Bassler.Rachel@epa.gov>]  
**Sent:** Friday, February 12, 2016 9:07 AM  
**To:** Bolger, Matt (MSP); Briseno, Lisa (CDC/OPHPR/DEO); [patricia.elhinnaway@fda.hhs.gov](mailto:patricia.elhinnaway@fda.hhs.gov)  
**Cc:** Michael, Gretchen (OS/ASPR/COO)  
**Subject:** FW: Draft EPA Statement of Flint Water Main Break, Boil Water Order

Hello All,

Below is a draft desk statement EPA would like to put out this morning (2/12/16) about the water main break and boil order. Please let me know if you all approve.

#### **EPA Statement of Flint Water Main Break, Boil Water Order**

U.S. EPA is working closely with the City of Flint and Michigan Department of Environmental Quality on the recent water main break and boil order. After the water

transmission line broke on Feb. 9, EPA coordinated with CDC, ATSDR and other members of the Flint Water Response Unified Coordination Group to determine what additional steps residents should take given the current issues with lead in drinking water.

Flint residents have been advised to either drink bottled water or to drink boiled water that has been already been filtered through an NSF-certified filter rated to remove lead. Use only bottled water for water, food and formula given to babies under 1 year old. Bottled water is the safest choice for pregnant or breastfeeding women and kids under 6 years of age.

The city has isolated the broken main, and following established protocols, has checked residual chlorine levels in the drinking water system and conducted two rounds of microbial testing. The first round of microbial testing found no contamination. If the second round is also clean, the city will lift the boil order, although residents should still drink only filtered or bottled water because of the ongoing lead issue.

Especially in winter, water main breaks are common in Flint and other cities with older infrastructure. When these breaks occur, cities follow established protocols to notify residents and to ensure the safety of drinking water.

Thanks,  
Rachel

Rachel Bassler  
EPA Region 5  
[bassler.rachel@epa.gov](mailto:bassler.rachel@epa.gov)  
p: 312-886-7159  
c: 312-914-3393

**From:** Briseno, Lisa (CDC/OPHPR/DEO)  
**Sent:** 12 Feb 2016 17:38:37 +0000  
**To:** CDC IMS JIC Lead -3; Somers, Tarah S. (ATSDR/DCHI/EB)  
**Subject:** RE: Draft EPA Statement of Flint Water Main Break, Boil Water Order

No. It is going out to the reporters on their Flint distribution list, both local and others. They are spelling out CDC and ATSDR, including the acronyms in parentheses.

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**From:** CDC IMS JIC Lead -3  
**Sent:** Friday, February 12, 2016 12:27 PM  
**To:** Briseno, Lisa (CDC/OPHPR/DEO) <hsi0@cdc.gov>; Somers, Tarah S. (ATSDR/DCHI/EB) <tv4@cdc.gov>  
**Subject:** RE: Draft EPA Statement of Flint Water Main Break, Boil Water Order

Is this internal?

Bob Alvey  
JIC Leadership - 2016 Flint MI Response  
Centers for Disease Control and Prevention  
Agency for Toxic Substances and Disease Registry  
CDC/ATSDR Joint Information Center  
[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)

---

**From:** Briseno, Lisa (CDC/OPHPR/DEO)  
**Sent:** Friday, February 12, 2016 12:22 PM  
**To:** CDC IMS JIC Lead -3; Somers, Tarah S. (ATSDR/DCHI/EB)  
**Subject:** FW: Draft EPA Statement of Flint Water Main Break, Boil Water Order

Bob, Christian, Tarah,

At this point, it will be live soon. I think it would be best to give Donna the heads-up. Should I email her, or would one of you like to?

Lisa

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**From:** Bassler, Rachel [<mailto:Bassler.Rachel@epa.gov>]  
**Sent:** Friday, February 12, 2016 12:16 PM  
**To:** Briseno, Lisa (CDC/OPHPR/DEO) <[hsi0@cdc.gov](mailto:hsi0@cdc.gov)>; CDC IMS JIC Lead -3 <[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)>; Scheel, Christian (CDC/ONDIEH/NCEH) <[bjn2@cdc.gov](mailto:bjn2@cdc.gov)>; Alvey, Robert (CDC/OPHPR/DEO) <[yqw9@cdc.gov](mailto:yqw9@cdc.gov)>  
**Cc:** Somers, Tarah S. (ATSDR/DCHI/EB) <[tv4@cdc.gov](mailto:tv4@cdc.gov)>  
**Subject:** RE: Draft EPA Statement of Flint Water Main Break, Boil Water Order

Hi All,

The state and HHS are ok with our desk statement below. We are ready to send this out in the next few minutes.



## **EPA Statement of Flint Water Main Break, Boil Water Order**

U.S. EPA is working closely with the City of Flint and Michigan Department of Environmental Quality on the recent water main break and boil order. After the water transmission line broke on Feb. 9, EPA coordinated with CDC, ATSDR and other members of the Flint Water Response Unified Coordination Group to determine what additional steps residents should take given the current issues with lead in drinking water.

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Rachel Bassler  
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[bassler.rachel@epa.gov](mailto:bassler.rachel@epa.gov)  
p: 312-886-7159  
c: 312-914-3393

---

**From:** Briseno, Lisa (CDC/OPHPR/DEO) [<mailto:hsi0@cdc.gov>]  
**Sent:** Friday, February 12, 2016 9:43 AM  
**To:** CDC IMS JIC Lead -3 <[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)>; Scheel, Christian (CDC/ONDIEH/NCEH) <[bjn2@cdc.gov](mailto:bjn2@cdc.gov)>; Alvey, Robert (CDC/OPHPR/DEO) <[yqw9@cdc.gov](mailto:yqw9@cdc.gov)>  
**Cc:** Somers, Tarah S. (ATSDR/DCHI/EB) <[ts4@cdc.gov](mailto:ts4@cdc.gov)>; Bassler, Rachel <[Bassler.Rachel@epa.gov](mailto:Bassler.Rachel@epa.gov)>  
**Subject:** FW: Draft EPA Statement of Flint Water Main Break, Boil Water Order  
**Importance:** High

JIC Lead,

The state is putting out the attached media releases. EPA is also planning on putting out the language below. As it refers to CDC & ATSDR, my understanding is that it needs to go through the CDC approval chains. As EPA anticipates putting this out this morning, I'm not sure of the best approach to handle, but we need to provide a prompt response.

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Unified Coordination Group to determine what additional steps residents should take given the current issues with lead in drinking water.

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Lisa

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**From:** Bolger, Matt (MSP) [<mailto:Matt.Bolger@michigan.gov>]  
**Sent:** Friday, February 12, 2016 9:15 AM  
**To:** Bassler, Rachel <[Rachel.Bassler@epa.gov](mailto:Rachel.Bassler@epa.gov)>; Briseno, Lisa (CDC/OPHPR/DEO) <[hs001@cdc.gov](mailto:hs001@cdc.gov)>; [patricia.elhinnaway@fda.hhs.gov](mailto:patricia.elhinnaway@fda.hhs.gov)  
**Cc:** Michael, Gretchen (OS/ASPR/COO) <[Gretchen.Michael@hhs.gov](mailto:Gretchen.Michael@hhs.gov)>; [kate.migliacelo@hhs.gov](mailto:kate.migliacelo@hhs.gov); Wheaton, Bob (DHHS) <[WheatonB@michigan.gov](mailto:WheatonB@michigan.gov)>; Brown, Melanie (DEQ) <[BrownM45@michigan.gov](mailto:BrownM45@michigan.gov)>  
**Subject:** RE: Draft EPA Statement of Flint Water Main Break, Boil Water Order

Great!

Thanks Rachel.

Here are our two options for the lifting of the boil water advisory. We believe it will be the "No Bacteria Found" release as there has not been any found yet. We will keep both in the can until we get official word that the city is lifting the advisory.

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**Sent:** Friday, February 12, 2016 9:07 AM  
**To:** Bolger, Matt (MSP); Briseno, Lisa (CDC/OPHPR/DEO); [patricia.elhinnaway@fda.hhs.gov](mailto:patricia.elhinnaway@fda.hhs.gov)  
**Cc:** Michael, Gretchen (OS/ASPR/COO)  
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Thanks,  
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[bassler.rachel@epa.gov](mailto:bassler.rachel@epa.gov)  
p: 312-886-7159  
c: 312-914-3393

**From:** Briseno, Lisa (CDC/OPHPR/DEO)  
**Sent:** 12 Feb 2016 18:38:56 +0000  
**To:** CDC IMS JIC Lead -3  
**Cc:** Ritter, Troy (CDC/ONDIEH/NCEH); Somers, Tarah S. (ATSDR/DCHI/EB)  
**Subject:** FW: Draft news release: EPA Updates Flint Response Website with Lead Assessment Results

FYI. I've asked Rachel and she's fine with including plain language suggestions as well. I can look it over in a few, but I need to grab lunch before the 2:00.

Lisa

---

**From:** Bassler, Rachel [mailto:Bassler.Rachel@epa.gov]  
**Sent:** Friday, February 12, 2016 1:14 PM  
**To:** Michael, Gretchen (OS/ASPR/COO) <Gretchen.Michael@hhs.gov>; Briseno, Lisa (CDC/OPHPR/DEO) <hsi0@cdc.gov>; El-Hinnawy, Patricia (FDA/ORR) <Patricia.ElHinnawy@fda.hhs.gov>  
**Cc:** Chandler, Jacqueline <Jacqueline.Chandler@fema.dhs.gov>; Bolger, Matt (MSP) <BolgerM@michigan.gov>  
**Subject:** FW: Draft news release: EPA Updates Flint Response Website with Lead Assessment Results

All,

Here is a draft release EPA plans to send today about our lead assessment results. Please let me know if you have any edits or if this is ok with your office.

### **EPA Updates Flint Response Website with Lead Assessment Results**

FLINT, MICH. – Today, the U.S. Environmental Protection Agency is releasing preliminary results of lead sampling at Flint residences, as well as an interactive map of sampling results. The map is available at [www.epa.gov/flint](http://www.epa.gov/flint).

EPA's lead sampling effort is intended to determine how much lead is in the drinking water collected from the sinks of homes suspected of having lead service lines and to assess the performance of corrosion control treatment over time. Corrosion control helps to treat pipes so lead does not get into the water.

EPA scientists took a series of samples to collect all of the water in the pipes between the kitchen faucet and the street. At each residence sampled, the results EPA is posting show how much lead is found in the samples and where it is originating from in the plumbing system. Personal identifying information is removed prior to data being posted and data will be shared directly with homeowners immediately upon receipt.

The samples will help EPA determine where the lead is coming from within a home's plumbing (for example, from pipes in the house versus from the lead service line leading



into the home). EPA will compare results from ongoing sampling events to assess the performance of corrosion control treatment over time.

In addition to the residential lead assessment, several other EPA sampling efforts are planned or underway in Flint. This includes testing to confirm that lead-removal filters are working as expected in homes with high lead levels. Early results show that filters are effective at removing lead from the water. The agency continues to recommend that Flint residents use NSF-certified filters in their homes.

EPA is also testing to confirm adequate levels of chlorine in the system. Chlorine is used to disinfect drinking water systems and prevent the growth of viruses and bacteria such as E. coli. In drinking water systems, the presence of chlorine is normal.

Each effort involves collecting samples at locations throughout the city, and submitting them for analysis in an EPA laboratory. Preliminary data is being made available at [www.epa.gov/flint](http://www.epa.gov/flint) in order to provide the public with information as samples are processed. Preliminary data should be considered raw, unprocessed information. EPA will post final data as soon as its quality has been assured. Typically, the rigorous quality control procedures used to finalize sampling data can take up to 15 days to complete.

EPA and the Centers for Disease Control and Prevention (CDC) agree that there is no **known** safe blood lead level in children. Lead is harmful to health, especially children. Until sufficient information is gained to determine when the water is safe to drink, EPA and CDC recommend that people only consume bottled or filtered water. Use only bottled water for water, food and formula given to babies under 1 year old. Bottled water is the safest choice for pregnant or breastfeeding women and kids under 6 years of age.

EPA recommends that residents, if they have concerns, contact their local health provider to have themselves or their children tested for lead. EPA will continue to work with the city of Flint to monitor drinking water quality and to ensure the public is receiving up to date information. To learn more about the health effects of lead in water visit <http://www.cdc.gov/nceh/lead/tips/water.htm>.

EPA also recommends that residents run cold water throughout the house for 2 minutes every morning to flush pipes and clean their aerators every week. For more information, please visit our website at [www.epa.gov/flint](http://www.epa.gov/flint).

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p: 312-886-7159  
c: 312-914-3393

**From:** Gwisdalla, David  
**Sent:** 13 Feb 2016 21:17:26 +0000  
**To:** Smart, John (OS/ASPR/OEM); Kelly, Brian; Mason, Byron (OS/ASPR/OEM); Hadzibegovic, Diana (OS/ASPR/OEM); Fletcher, Vista (USDA); MacMartin, Sandra - FNS; patricia.el-hinnawy@oci.fda.gov  
**Cc:** john.gibbons@hhs.gov; Levine, Cheryl (OS/ASPR/OPP); (b) (6) macqueenm@michigan.gov; Somers, Tarah; Pereira, Esmeralda (OS/ASPR/OEM); Christian Scheel (bjn2@cdc.gov); (b) (6) michael.l.polsinelli@hud.gov; (b) (6) Dur no, Mark; Halbur, Kathy; Smith, Jason (DHHS); feighnerb@michigan.gov; Sheehan, Christopher (FDA/ORR)  
**Subject:** Flint Water Crisis UGC Task Force Request Matrix Updates  
**Attachments:** 12Feb16\_FINAL\_MASTER\_UNIFED REQUEST LIST\_Flint MI\_UCG.pdf

Flint Water Crisis UGC task force leads. I realize it is a quiet day and may be a quiet weekend in the request matrix world. Please keep your team's focus, where possible on closing out tasks. We would like to move tasks from either Federal or State action to completed/closed. Even though some issues are long-term please provide updates where possible when you reach milestones for an issue. Also remember to provide the issue number you are referring to with your input.

**If you don't have any updates simply respond "no updates."**

To reach me on my cell, call 303-462-9307. Have a good evening.

Regards, David.

David A. Gwisdalla, P.E., MSEE  
Commander, U.S. Public Health Service  
PHS Commissioned Corps Officer Detailed to EPA

Environmental Engineer  
National Enforcement Investigations Center  
U.S. Environmental Protection Agency

office 303.462.9307  
fax 303.462.9283  
[gwisdalla.david@epa.gov](mailto:gwisdalla.david@epa.gov)

Mailing Address:

EPA National Enforcement Investigations Center  
Denver Federal Center  
P.O. Box 25227, Bldg 25, Rm 2A-305  
Lakewood, Colorado 80225



# 2016 Flint Water Response MDHHS Request List Action Tracker

Matrix Legend				Expected request duration		Task Closure Statistics		
Task Force (TF) Legend				State Priorities: High- Medium-Low		Agency/Closed	# Tasks	% of Total
MDHHS/State EOC				S = short term (0 - 3 months)		Federal	13	18%
Health & Medical				M = mid-term (4 months- 1 year)		State	25	34%
Water Quality Task Force				L = long-term (1 year and beyond)		Completed/Closed	36	49%
Nutrition/Education Task Force				USG Objectives		TOTAL 74		
Human Services Task Force				1 Provide immediate access to safe water				
Public & External Affairs Task Force				2 Ensure the safety of and public confidence in the water supply				
Completed but may generate new request				3 Understand and address immediate health needs from potential lead exposure				
				4 Mitigate other impacts of the water contamination crisis on the residents of Flint				

As of: 2/12/2016 1800 hrs

Issue #	Date State Request Made	Asset Requester	Commodity	UCG IAP Operational Period #9 Objective #	USG Objectives (Legend below)	Request Summary Provided / Vetted by State	State Priority (Identified as High - Medium-Low then ranked in order to be done)	Expected request duration	Complete	Ongoing	Proposed	Requires State / Federal Action	Primary Task Force Assigned	Federal Agency Lead or HHS OpDiv/Staff Div	Federal POC	Required Action	Task Status/Update/Notes Comments
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## RESPONSE TASK FORCE ACTIVE / IN-PROGRESS

### Federal Action Needed

1	1/26/2016	Genesee County Health Department (GCHD)	Human Resources	22	2, 4	Requests for individuals to provide immediate short term assistance for the GCHD (duration 14-30 days) Technical Assistance: Sanitarian/Health Educator/Nurse/Risk Communicator/2 case managers	HIGH	S		X		Federal	HMTF	DCCPR	John Smart (TF Lead) Tara Somers (CDC Support)	Sustainability Plan / Exit Strategy	TARGET END DATE: 2/16/16 2/12/16 - (ATSDR) - GCHD staff is out until 17 Feb, no new updates expected from the county until then on any new lead results. 2/11/16 - (HMTF) - Other requirements of this ask ended, the only remaining on-going activity for this ask are two nurse case managers regarding lead level results who demobilize on 17 February. 2/10/16 - (PHST) - As of 2/9/16 there were 118 cases either "pending" case management. Two nurse case managers are working the cases; expect to manage.
2	1/26/2016	Genesee County Health Department (GCHD)	Behavioral Health	26,27,28, 29	2, 3, 4	Technical assistance for DHHS and the Genesee Health System (Community Mental Health) for needs assessment; immediate, intermediate and long term planning; and behavioral health specific messaging. Support for continued expansion of Psychological First Aid resources (Human Resources Request)	HIGH	S		X		Federal	HMTF	SAMHSA	John Smart (TF Lead) CAPT Coady	Provide training; last training event on 18 Feb.	TARGET END DATE: 2/26/16 2/10/16 - (PHST) - Stress management training scheduled for 11, 12, 17 and 18 Feb. (PHST) - Developing a sustainability plan. (CHECC SitRep) - CAPT Coady (SAMHSA) return to Flint 10-11 Feb to assist with in coordination with PHS mental health teams. 2/6/16-(PHST SitRep)-ARC training scheduled for upcoming week with volunteer agencies 2/5/16-(CDC) AmeriCorps volunteer training completed 2/1/16-(PHST SitRep)-GCHD staff support / counseling ; MH Support Activities for AmeriCorps Volunteers; Assist with developing an engagement strategy for GCHD to
21	1/29/2016	MDHHS	Children's Services	26,27,28, 29	2, 4	Assistance in building a trauma-informed child-and family-service system. All in system need to recognize and respond to the impact of traumatic stress on those who have contact with the system including children, caregivers, and service providers. (Behavioral health issues) <b>RELATED TO #2</b>	Medium-3	L		X		Federal	HMTF	ACF, EPA, SAMHSA, HUD	John Smart (TF Lead)	Provide training; last training event on 18 Feb.	TARGET END DATE: 2/26/16 2/10/16 - (PHST) - Developing a sustainability plan. 2/8/16 (Matrix Rvw) - Sustainability plan/exit strategy in development. 2/4/16-(CHECC)-Per Jodi and Jamie: This is being partially met with the MHT teams we have in place; this is a long-term issue; MDHHS is aware and addressing the sustainability piece once our teams depart; MDHHS is in the very early assessment and implementation phase. 2/3/16-(MDHHS)-clarification-Could be currently being met by PHST team at GCHD. More clarification forthcoming. The CHECC thought this was a long term program to
49	1/29/2016	MDHHS	Community/ Provider Engagement	-	2, 4	Recovery- Provide federal resources to assist local and state with long term recovery. <del>2-FTE for health and 2-FTE for human services.</del> 1-FTE planner for health and 1-FTE planner for human services. Local and state public health will be working to establish and support recovery activities that will most likely last for years. Assistance is needed to develop strategies to ensure all aspects are captured in planning to include blood level testing, healthy homes, nutrition, and long term surveillance.	Medium-High	L		X		Federal	HMTF	CMS, HRSA	John Smart (TF Lead)	Evaluate the State's request for federal resource assistance.	2/12/16 - (EM State LNO) - received an ask for support, request support from HRSA. Amended the original ask to provide clarity. 2/11/16 - (EM State LNO) - HRSA supporting FQHC on how to best request additional funds. 2/8/16 (Matrix Rvw) - HMTF lead to determine if additional state documentation is needed. 2/7/16-2/7/16-(CHECC/State LNO follow-up)-State believed matrix was official avenue for request; UCG provided direction to State Health LNO that a formal letter of request outlining specific and defined need would be needed. 2/3/16-(State Health Review)-Funding request. MDHHS needs to determine if they are going to submit formal funding request.
11	1/29/2016	MDHHS	Data and Surveillance	1a, 2, 3a	1, 2	Consultation on developing residential water sampling protocols, assessment of water sources and interpretation of results where elevated <b>blood lead</b> levels are detected.	High-1	L		X		Federal	WQTF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	Brian Kelly (EPA TF Lead) Kai Elgethun (CDC/ATSDR)	Sampling on-going in field	2/10/16-(CDC)-ATSDR field consultations on-going 2/5/16-(CDC)-ATSDR field consultations on-going 2/3/16-(EPA SitRep)-Sampling continues; addressing chlorine and lead issues - formal strep provides details 2/1/16-(EPA SitRep)-Assisted Water Branch with sampling efforts. Performed lead sequential, lead filter, filter grab, and residual chlorine sampling in homes and churches; cleaned aerators/filters at all sampling locations. ORD Water Assessment Team: Team is end route and will resume sampling tomorrow. Drafted a press release



12	1/29/2016	MDHHS	Data and Surveillance	1a, 2, 3a	1, 2	Establish quality assurance system to verify safe water sources at impacted homes, schools and businesses. [belongs with Row Above]	High - 1	L	X	Federal	WQTF	EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	Brian Kelly (EPA TF Lead) Kai Elgethun (CDC/ATSDR)	EPA sampling on-going in the field.	2/12/16 - (ATSDR) - Providing health consultation and education during home visits. 2/11/16 - (Matrix Rvw) - On-going, quality assurance project plan (QAPP) updated as needed for lead, copper, rash sampling/analysis. (CDC/ATSDR) - CDC water SME assumed leadership role in support of EPA field teams. 2/9/16 - (WQTF) - quality assurance system developed to assess safe water sources; CLOSED. (MI EM LNO) - DEQ needs to address how it is tracking to ensure all home water sources that are using a filter. 2/8/2016 - (Matrix Rvw) - DEQ conducting targeted sampling/or per individual home
55	2/7/2016	MDEQ	Data and Surveillance	-	-	DEQ requests UCG representative confirm with EPA and USDHHS on if an address with a sample result is considered Personally Identifiable Information (PII).	High	S	X	Federal	WQTF		Mark Durno (WQTF Lead) Kai Elgethun (ATSDR)	EPA to provide DEQ with an MOU that DEQ will not disseminate the PII provided by EPA.	<b>TARGET END DATE: 19 Feb 16</b> 2/11/16 (MI EM LNO) - DEQ request all EPA monitoring results; including those conducted by Miguel Del Toral, and Dr. Marc Edwards; state may include these sites in sentinel program. 2/10/16 - (DEQ) - EPA office of general counsel to develop an MOU with DEQ to illustrate DEQ's use of information provided by EPA; ETA for MOU from EPA is 12 Feb. 2/9/16 (WQTF) - Addresses are PII; EPA requested an agreement from the state to ensure they do not release PII is not released to the public. <b>RELATES TO ISSUE # 37</b> . 2/8/16 - (EPA/HHS) Referred issue to respective general counsels waiting on legal opinion what data is PII.
8	1/29/2016	MDHHS	Nutrition	11	3, 4	Expand use of WIC/Food Assistance for Farmer's Markets/Food Banks/Mobile Food Banks.	High-1	L	X	Federal	NETF	USDA-FNS Office Women's Health, ACF, TANF	Vista Fletcher (USDA) Sandra MacMartin (USDA)	USDA provide support to State on WIC/Food Assistance.	2/11/16 (DHHS email) - State requests USDA support with WIC food assistance. 2/8/16 (Matrix Rvw) - pending state SME decision. 2/5/16-(NETF/State Health Review)-The WIC Farmers Market Nutrition Program (FMNP) allocation formula is set out in regulations (base grant amount is in statute). For FY 2016, it is anticipated Michigan will get at least the amount it received in FY 2015. Once FNS allocates the money to the State, it is a State decision on where the FMNP funds are deployed throughout the State. Michigan could decide to focus
36	1/29/2016	MDHHS	Nutrition	11	3, 4	Assistance with nutrition planning for the inclusion of private industry to address the food desert.	Medium-6	L	X	Federal	NETF	EDA (Economic Development Administration) Doug Lynott	Vista Fletcher (USDA) Sandra MacMartin (USDA)	EDA to provide examples to state on how to do this.	2/11/16 - (Matrix Rvw) - EDA and Michigan Economic Development Corporation (MEDC) contacts identified and connected. 2/8/16 (Matrix Rvw) - CHECC requests USG provide examples/guidance on how to entice business to come into the area. 2/7/16 - (CHECC/State LNO follow-up) looking at long term assistance in getting
53	2/4/2016	MI-Department of Education	Nutrition	11	3, 4	The City of Flint needs additional food supply to help provide healthy food choices for The Emergency Food Assistance Program (TEFAP) eligible families, with a focus on foods that are high in calcium, iron, and Vitamin C. Request is to use USDA disaster food package boxes.		M	X	Federal	NETF	USDA-FNS	Vista Fletcher (USDA) Sandra MacMartin (USDA)	Waiting on MI-DOE input to complete USDA decision / letter of approval	2/10/16 (NETF) - USDA is still in the process of reviewing the MI-DOE request; requested details from MI-DOE to complete the review. 2/8/16 (Matrix Rvw) - USDA is still in the process of reviewing the MI-DOE request. 2/5/16-(NETF)-received application from MI-DOE; Application to utilize USDA Disaster Food for Disaster Household Distribution (high in micro-nutrients) due to Flint water crisis. 2/4/16, MDE submitted a request to FNS to utilize USDA Foods for Disaster Household Distribution. FNS staff are currently reviewing the request to determine if
28-1	1/29/2016	MDHHS	Medical Services	-	3, 4	Lead Abatement through an 1115 waiver financed by a "designated state health program."	High-2	L	X	Federal	HSTF	CMS, HRSA	Diana Hadzibegovic (TF Lead) Byron Mason	Awaiting CMS decision memo	2/8/16 - (Matrix Rvw) - CMS is developing decision memo to the state's request to use 1115 funding for lead abatement activities in homes; there is no definitive ETA on release of the memo. HSTF to identify additional federal resources that could support the state's lead abatement request.
AA	2/1/2016	UCG	Public & External Affairs Task Force	12a		Coordinate the intergovernmental, public and external affairs effort to ensure awareness and visibility of communications activities regarding Flint water crisis with State and Federal partners.	HIGH	S	X	Federal	PEATF		G. Michael (TF Lead)	Ongoing product development	2/12/16 - (ATSDR) - reviewing multiple communication materials per EPA request. Responded to state inquiry regarding concerns on bathing in contaminated water. 2/11/16 (ATSDR) - State request for a bathing fact sheet finalized (request 2/1/16). 2/10/16 (ATSDR) - Refined recommended language for blood lead testing for children under six. 2/9/16 - (ATSDR) - Provide technical assistance to refine science messaging on
88	2/2/2016	UCG	Public & External Affairs Task Force	5a, 16a		Assess approach to public messaging and outreach with State and Federal partners.	HIGH	S	X	Federal	PEATF		G. Michael (TF Lead)	Ongoing product development	2/3/16-(PEATF)-worked with the state JIC and multiple federal agencies and jointly developed, posted speakers bureau, facilitated talking points

#### STATE RESPONSE ACTIVE / IN-PROGRESS

State Action Needed															
6	1/29/2016	MDHHS	Medical Services	-	3, 4	Targeted Case Management (either through <b>Special Program Amendment (SPA) or Waiver</b> ): roughly 1,000 children are not transitioning to Mental Health Providers (MHPs) from Fee for Service (FFS), and MHPs primarily conduct telephonic case management.	High-1	L	X	State	HMTF	CMS, HRSA	John Smart (TF Lead) Esmerelda Pereira (ASPR DLG)	State CMS SME to answer	<b>TARGET END DATE: 2/17/16</b> 2/8/16 - (State CMS Director) Awaiting CMS decision on waiver for further action. 2/7/16-(CHECC/State LNO follow-up)-This is being sent to the SMEs for update. 2/3/16-Awaiting State CMS to provide insight on conversations between State CMS Director and CMS HQ.
7	1/29/2016	MDHHS	Behavioral Health Services	-	2, 4	Behavioral health - technical assistance for DHHS and the Genesee Health System (Community Mental Health) for needs assessment; immediate, intermediate and long term planning; and behavioral health specific messaging. [Policy/Grant Assistance] (Note: Not the same request as above)	High-1	S	X	State	HMTF	SAMHSA ASPR, ABC, ACF, SCL	John Smart (TF Lead) CDR Jami Seligman (SAMHSA)	State submit grant app by 4/4/16	<b>TARGET END DATE: 4/4/2016</b> 2/3/16-SAMHSA RA (CAPT Coady) met with MDHHS staff to provide further guidance for SERG grant application -Application due date is April 4, 2016. 1/31/16 State SitRep-MDHHS representatives met with Terri Spear (SAMHSA) re: SERG grant

18	1/29/2016	MDHHS	Data and Surveillance	24	2, 4	Technical assistance in the development of a long term lead surveillance strategy which includes a diverse set of data sources such as medical information found on birth records, data from the birth defects registry and other data sources that may be useful to public health researchers.	Medium-3	L	X	State	HM/TF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	John Smart (TF Lead) CDC/ATSDR SRS (Buchanan)	State to take action if desired to obtain funding.	2/5/16-(CDC)-interagency communications continue, working on long term lead strategy 2/3/16-(State Health Review)-MDHHS Toxicology/Environmental Health programs have a database to track individuals. MDHHS is looking for <b>funding</b> and/or an outside source of software. MDHHS unsure if in-house IT capacity is there to meet the needs.
18a	1/29/2016	MDHHS	Data and Surveillance	24	2, 4	o Database for long term monitoring and follow up surveillance	Medium-3	L	X	State	HM/TF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	John Smart (TF Lead) CDC/ATSDR SRS (Buchanan)	State to take action if desired	
18b	1/29/2016	MDHHS	Data and Surveillance	24	2, 4	o Case Management Software	Medium-3	L	X	State	HM/TF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	John Smart (TF Lead) CDC/ATSDR SRS (Buchanan)	State to take action if desired	
18c	1/29/2016	MDHHS	Data and Surveillance	24	2, 4	o Enhanced capacity for laboratory surge for environmental and blood lead testing through Epi Lab Capacity federal funding.	Medium-3	L	X	State	HM/TF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	John Smart (TF Lead) CDC/ATSDR SRS (Buchanan)	State to take action if desired	1/31/16- CDC-Possible role for NCEH/ATSDR BSC
18d	1/29/2016	MDHHS	Data and Surveillance	24	2, 4	o Technical assistance to develop a methodology to assess past lead exposure.	Medium-3	L	X	State	HM/TF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	John Smart (TF Lead) Morris Maglia (CDC/ATSDR - Support)	State to take action if desired	2/4/16-(State Health Review)-MDHHS is looking to find if there is an "app" for global notifications. CDC JIC is evaluating this to determine if there is anything besides social media opportunities. 2/3/16-(State Health Review)- <b>Funding issue</b> -MDHHS uses HAN and another system but wants to expand outreach to individual providers; MDHHS needs to determine if formal request is to be submitted 2/1/16-(CDC/ATSDR)-MDHHS asks for technical assistance on HAN outreach to a
22	1/29/2016	MDHHS	Children's Services	-	2,4	Augment resources to include healthcare personnel or federal teams to conduct additional blood lead level testing sites. <b>RELATES TO #1</b> - per MDHHS this is the case management piece.	Low-2	S	X	State	HM/TF	ACF EPA, SAMHSA, HUD	John Smart (TF Lead)	GCHD and State need to determine path forward.	2/11/16 - (HM/TF) - RECOMMEND CLOSURE; waiting GCHD and state input. 2/11/16 - (State EM LNO) - Discussed CHECC further information on the GCHD ask. 2/10/16 - (PHST) - Recommend closure of this task; PHS staff will not conduct blood level testing, the case management is a <b>duplicate of ISSUE #1</b> . 2/8/16 - (PHST SA) - Need follow up on elevated lead levels for 15 to 18 kids; may start tomorrow. Will attempt the telephone/home contact. Three new cases (5 - 7 mcg/dl) were due to lab results entered over the weekend.
24	1/29/2016	MDHHS	Children's Services	5a	2, 4	SME's to assist with development of safe water (lead) toolkit that includes ways to identify cognitive effects of lead in children with planned distribution to healthcare providers, schools and day care agencies	Low-3	L	X	State	HM/TF/SCI	ACF EPA, SAMHSA, HUD	John Smart (TF Lead) CDC/ATSDR (Buchanan)	State reviewing toolkit developed by CDC/ATSDR	2/12/16 - (ATSDR) - provided to MI EM LNO for state's review a toolkit developed by CDC/ATSDR that includes ways to identify cognitive effects in children which can be distributed to healthcare providers, schools, and daycare providers. 2/10/16 (ATSDR) - Verifying support for this ask from CDC lead program. 2/8/16 - (Matrix Rvw) - CHECC identifies that toolkit is still in need; CDC/ATSDR tasked to create toolkit.
26	1/29/2016	MDHHS	Medical Services	-	3, 4	<b>1115 Waiver</b> for Expanded Eligibility: All children under 21 regardless of income in the impacted zip codes	High -1	L	X	State	HM/TF	CMS, HRSA	John Smart (TF Lead) Esmerelda Pereira (ASPR DLG)	State CMS SME to answer	<b>TARGET END DATE: 2/17/16</b> 2/8/16 - (State CMS Director) Awaiting CMS decision on waiver for further action. 2/7/16-(CHECC/State LNO follow-up)-This is being sent to the SMEs for update.
26a	1/29/2016	MDHHS	Medical Services	-	3, 4	o If commercial coverage is available, provide Medicaid wrap services	High -1	L	X	State	HM/TF	CMS, HRSA	John Smart (TF Lead) Esmerelda Pereira (ASPR DLG)	State CMS SME to answer	<b>TARGET END DATE: 2/17/16</b> 2/8/16 - (State CMS Director) Awaiting CMS decision on waiver for further action.
26b	1/29/2016	MDHHS	Medical Services	-	3, 4	o Increase intensity and community based activities to 24/7 access and crisis capacity	High -1	L	X	State	HM/TF	CMS, HRSA	John Smart (TF Lead) Esmerelda Pereira (ASPR DLG)	State CMS SME to answer	<b>TARGET END DATE: 2/17/16</b> 2/8/16 - (State CMS Director) Awaiting CMS decision on waiver for further action.
26c	1/29/2016	MDHHS	Medical Services	-	3, 4	o Community Mental Health (CMH) with support from Hurley & Children's Healthcare Access Programs (CHAP) for outreach activities	High -1	L	X	State	HM/TF	CMS, HRSA	John Smart (TF Lead) Esmerelda Pereira (ASPR DLG)	State CMS SME to answer	<b>TARGET END DATE: 2/17/16</b> 2/8/16 - (State CMS Director) Awaiting CMS decision on waiver for further action.
26d	1/29/2016	MDHHS	Medical Services	-	3, 4	o Federally Qualified Health Center (FQHC)	High -1	L	X	State	HM/TF	CMS, HRSA	John Smart (TF Lead) Esmerelda Pereira (ASPR DLG)	State CMS SME to answer	2/3/16-(State Health Review)-no update available - <b>Funding item</b> - request to state LNO for follow up with State CMS Director.
27	1/29/2016	MDHHS	Medical Services	-	3,4	<b>Federal Funding:</b> Healthy Home Designation (Section 2703 of ACA - MI already has approval, but not in Flint)	High -1	L	X	State	HM/TF	CMS, HRSA	John Smart (TF Lead) Esmerelda Pereira (ASPR DLG)	State CMS SME to answer	2/7/16-(CHECC/State LNO follow-up)-This is being sent to the SMEs for update.
27a	1/29/2016	MDHHS	Medical Services	-	3, 4	o Would need CMS to designate lead exposure as a chronic condition	High -1	L	X	State	HM/TF	CMS, HRSA	John Smart (TF Lead) Esmerelda Pereira (ASPR DLG)	State CMS SME to answer	



27b	1/29/2016	MDHHS	Medical Services	-	3, 4	Will allow 90% federal match for 8 Quarters for Health Home	High-1	L	X	State	HM/TF	John Smart (TF Lead) Esmerelda Pereira (ASPR DLG)	State CMS SME to answer	2/3/16-(State Health Review)-Relates to #13. Long term project. MDHHS to advise next steps. 1/31/16-No planned CDC/ATSDR action as of 1/31/16
29	1/29/2016	MDHHS	Medical Services	-	3, 4	Expanded Medicaid Benefits: Provide Dietician and Breastfeeding Services/counseling for Flint Medicaid Recipients (SPA/Waiver for statewide implementation if needed)	Medium-1	L	X	State	HM/TF	CMS, HRSA John Smart (TF Lead) Esmerelda Pereira (ASPR DLG)	State CMS SME to answer	2/7/16-(CHECC/State LNO follow-up) - This was sent to the SMEs for update.
47	1/29/2016	MDHHS	Community/ Provider Engagement	5a	2, 4	BSN prepared nurses to supervise student nurses rotating through Flint and providing community outreach and intervention to residents. This is a request from Genesee County Health Department.	High-2	L	X	State	HM/TF	John Smart (TF Lead) Renee Funk (CDC Support)	Decision on need from the State if to determine if GCHD feels this is still an ask.	2/11/16 - (DHHS email) - waiting on GHCD, appears to be an ask of the State and not of the USG; request input from the State on this ask. 2/8/16 - (Matrix Rvw) - MDHHS officials will check with GCHD staff (Toni who has returned); awaiting response from state. 2/3/16-(State Health Review)-MDHHS clarification-This appears to be a long term ask by the GCHD since they will need BSN nursing staff to supervise students throughout the year. Currently the state is not engaged in this task. GCHD (Toni) is not available
50	1/29/2016	MDHHS	Community/ Provider Engagement	-	3, 4	Expansion of the HAN or development of communication system to include Health Care Providers.	Medium-2	L	X	State	HM/TF	John Smart (TF Lead) CDC JIC (Scheel)	State to determine who needs expansion and where to find funding	2/8/16 (Matrix Rvw) - state to determine extent of HAN distribution. 2/7/16 - (CDC) CDC is working with the state regarding the HAN distribution network. 2/5/16-(NETF/State Health Review)-USDA-FNS matching dollars for FY16 should be distributed mid-March; MI will be receiving funds that can be used to satisfy this request; Request State LNO to determine if mission can be closed 1/28/16-(USDA)- "performing already" and FNS will be issuing the FY 2016 WIC Breastfeeding Peer Counseling funds by mid-March.
37	1/29/2016	MDHHS	Communications	12a, 16a	2, 3, 4	Informatics Infographics in clear format to demonstrate water testing results etc. <b>RELATES TO #13</b>	High-1	L	X	State	WQ/TF	CDC/ATSDR (for science) All (depending on population being addressed) Brian Kelly (WQTF Lead) / CDC JIC (Scheel)	State JIC decision	2/11/16 - (Matrix Rvw) - JIC is coordinating with UofM professor to provide insight on infographics related to blood lead levels. 2/8/16 (Matrix Rvw) - EPA map viewers available on website; state JIC to determine if this is sufficient. Christian gave Angela Minicuci a contact at U of M regarding visualizing data. 2/1/16-(CDC/ATSDR)-No planned actions to date.
9	1/29/2016	MDHHS	Nutrition	-	3, 4	Provide technical assistance to WIC staff on lead and assess ongoing adequacy of nutrition resources; assist with obtaining additional resources as needed.	High-1	L	X	State	NETF	USDA-FNS Office Women's Health, ACF, TANF Vista Fletcher (USDA) Sandra MacMartin (USDA)	State JIC to "Michiganize" California's materials.	2/11/16 - (DHHS email) - California approved Michigan's request to use copyrighted educational materials. 2/10/16 - (9Feb CHECC SitRep) - State in negotiation with California on the use of the fact sheet.NETF standing assist with review when needed. 2/8/16 (Matrix Rvw) - state nutrition plan in development; USDA-FNS providing technical support. California nutritional flyer on lead needs to be "Michiganized"; state is checking on copyright issues; assistance being provided by the USDA-FNS
35	1/29/2016	MDHHS	Nutrition	-	3, 4	Funding for development and implementation of a wichealth.org lesson module on nutrition and lead (many WIC clients access nutrition education online through wichealth.org).	Medium-5	L	X	State	NETF	USDA-FNS Office Women's Health, ACF, TANF Vista Fletcher (USDA) Sandra MacMartin (USDA)	State SME decision	2/8/16 (Matrix Rvw) - pending state SME decision. 2/5/16-(NETF/State Health Review)-Michigan can use its Nutrition Services and Administration funds to develop the module. Also, the regional office could use its Operational Adjustment funds to support development of the module. State health LNO to determine if mission can be closed.
38	1/29/2016	MDHHS	Communications	5a, 16a	2,3,4	Assistance with development of Public Service Announcements utilizing known/trusted sources.	High-2	L	X	State	HM/TF	CDC (for science) All (depending on population being addressed) John Smart (TF Lead) CDC JIC (Scheel)	Communication Plan from State JIC	2/11/16 - (DHHS email) - request to keep this open as the state will need assistance once a framework is drafted. 2/8/16 - (Matrix Rvw) - MDHHS is waiting for communication plan finalization; requested this issue remain open. (MDHHS) compiled a draft media plan. Looking into funding to run PSAs, MDHHS will work with CDC on messaging.
10	1/29/2016	MDHHS	Communications	5a	2, 3, 4	Provide training for staff, providers, and the community via webinar on water filters, cartridge replacement, water pitchers and blood lead level.	High-1	M	X	State	PEATF	G. Michael (TF Lead) Brian Kelly (EPA TF Lead) CDC JIC (Scheel)	Waiting on State's Decision of needs on web content related to lead results.	2/10/16 - (ATSDR) - Worked with MDHHS on post-boil notice filter change protocol. 2/8/16 - (Matrix Rvw) - MI-DEPA working on filter and cartridge change fact sheet. Webinar need still being considered by the state. MDHHS to advise next step. (HM/TF) - Seeking clarification from Population Health in MDHHS; no guidance yet. 2/6/16-WQTF/PEATF/State Review)-State needs to clarify what is needed; possibly closed item 2/5/16-(CDC)-CDC believes can go green; need to verify with state
<b>RESPONSE TASK FORCE COMPLETED / CLOSED</b>														
3	1/29/2016	MDHHS	Data and Surveillance	-	3, 4	Technical assistance to develop a strategy for improving prevention, rapid detection and timely reporting of cases of Legionellosis in MI long-term.	High-1	M	X	State	HM/TF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED Cindy Whitney (CDC)		2/4/16-(State Health Review)-Mission <b>completed</b> - State and CDC concur 2/3/16-(State Health Review)-CDC team has met with Dr. McFadden in Lansing regarding the data needs - expected to be closed 2/4/16 1/31/16-CDC-To be addressed 2/1/16 with CDC team @MDHHS
4	1/29/2016	MDHHS	Data and Surveillance	-	2, 4	Technical assistance to support the development of guidance and tools to identify buildings that are deemed high risk for the transmission of pathogens such as Legionella.	High-1	M	X	State	HM/TF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED Cindy Whitney (CDC)		2/4/16-(State Health Review)-Mission <b>completed</b> - State and CDC concur 2/3/16-(State Health Review)-CDC team has met with Dr. McFadden in Lansing regarding the data needs - expected to be closed 2/4/16 1/31/16-CDC-To be addressed 2/1/16 with CDC team @MDHHS 1/29/16-(CDC-41)Actions Taken: Task is to augment resources to include healthcare
5	1/29/2016	MDHHS	Medical Services	-	4	Enhanced Medicaid Transportation Services: Funding to support non-emergency transportation vendor for the city. Could extend Logisticare and/or demo a MTA project through additional resources ( <b>possible waiver</b> ).	High-1	L	X	State	HM/TF	CMS, HRSA John Smart (TF Lead)	Update by State for situational awareness report on CMS decision / waiver	2/12/16 - (CHECC/State LNO follow-up) - MTA addressed ask, no further requirement; <b>CLOSED</b> . 2/11/16 - (MHTF) - Request move to the state as completed; no further action by the USG. 2/8/16 - (State CMS Director) Awaiting CMS decision on waiver for further action. 2/7/16-(CHECC/State LNO follow-up)-This is being sent to the SMEs for update. 2/3/16-Awaiting State CMS to provide insight on conversations between State CMS

13	1/29/2016	MDHHS	Data and Surveillance	2, 4	Technical assistance to evaluate the childhood lead poisoning prevention program (CLPPP) including examination of options for case definitions; methods to assess data trends such as the use of Shewart charts; and methods to view changes in blood lead data over time, including the ability to adjust for seasonal variation when needed.	High-2	L	X					HMTE	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	CDC/SRS (Buchanan)		2/5/16-(CDC)- <b>completed</b> per ATSDR; state concurred; Completed: Return to programmatic function - CDC LEAP (Lead Elimination Program; MI is already receiving grant 2/4/16-(State Health Review)-Training delayed until 2/10/16 per state request; (CDC)-coordinated workgroup 2/3/16-(CDC)-Discussions with MDHHS continue. (State Health Review)-clarification of request: discussions are continuing with Dr. Wells, Tom and Tim Becker re: CM piece identified - 2 persons coming to specifically to provide training 1/31/16-No planned CDC/ATSDR action as of 1/31/16 1/29/16-(20)
14	1/29/2016	MDHHS	Data and Surveillance	3, 4	Technical assistance/consider future CASPER for filling information needs. <b>Mobilize an EPI-Aid Team to support a comprehensive community health needs assessment.</b>	Medium-1	S	X					HMTE	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	CDC/ATSDR SRS (Buchanan)		2/3/16-(State Health Review)- <b>Completed.</b> For future action - <b>return to program.</b> MDHHS target is late summer 2016; MDHHS has staff to complete als there is a team at UM-Ann Arbor trained ; Dr. Wells is a CASPER instructor 1/31/16-No planned CDC/ATSDR action as of 1/31/16
16	1/29/2016	MDHHS	Data and Surveillance	2, 4	Technical assistance on the use of dried blood spots to examine lead. Planning assistance on assay validation/proficiency testing/staff competency.	Medium-2	L	X					HMTE	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	Robert L. Jones (CDC)		2/4/16-(State Health Review)- MDHHS state's <b>request closed</b> ; CDC/ATSDR concur 2/3/16-(State Health Review)-technical assistance is being provided reference the paper used with lead testing. (CHECC)-The state already has the ability to do this according to 'Sara Tomechko, the Director of the Division of Chemistry and Toxicology at the Bureau of Laboratories. This request should be able to be closed
21a	1/29/2016	MDHHS	Children's Services	21	o Healthcare providers, schools, and day care agencies.	Low-2	L	X					HMTE	ACF EPA, SAMHSA, HUD	John Smart (TF Lead)	Sustainability Plan / Exit Strategy	2/11/16 - (HMTE) - <b>Issue CLOSED by Issue # 21 above.</b> 2/8/16 (Matrix Rvw) - Sustainability plan/exit strategy in development. 2/4/16-(CHECC)-see above
30	1/29/2016	MDHHS	Medical Services	2, 4	Assistance with CMS reimbursement for integrated mobile healthcare/community paramedic.	Low-1	L	X					HMTE	CMS, HRSA	John Smart (TF Lead)		2/7/16-CHECC/State LNO follow-up)-CHECC state mission is closed. This can be removed. They are no longer asking for this. <b>Completed</b> 2/3/16-(State Health Review)- <b>Funding issue</b> -Need clarification from MDHHS - sent to
31	1/29/2016	MDHHS	Medical Services	2, 4	Assistance in developing a comprehensive plan to accelerate lead testing among children 0-6 years of age. [at our meetings with the community and health plans, community health leaders stressed the need for developmental assessments and case management over testing]	Medium-2	S	X					HMTE	CMS, HRSA			2/3/16-(State Health Review)-CDC Flint Blood Lead Screening Statement <b>completed</b> 2/1/16-(CDC)-Completed final draft of the CDC Flint Blood Lead Screening Statement which is currently under review by OASH and OS/ASPR.
32	1/29/2016	MDHHS	Behavioral Health	2, 4	Support for continued expansion of local Psychological First Aid resources. <b>DUPLICATE REQUEST TO #2</b>	High-1	S	X					HMTE	SAMHSA ASPR, ABC, ACF, ACL			2/4/16-(State Review)-MHT providing service in theater. Determined to be a duplicate request to #2. State agreed to close this request out. <b>Completed.</b> 2/3/16-(PHST SitRep)-Providing BH support to GCHD and AmeriCorps personnel; providing PFA to volunteers; creating development of community BH Surveillance
39	1/29/2016	MDHHS	Communication s	2, 3, 4	Establish opportunities to gather feedback from the community, allow community to speak with experts/staff.	High-2	S	X					HMTE	CDC (for science) All (depending on population being addressed)	CDC JIC -(Scheel) will be reassigned if new requests generated		2/4/16-(State Health Review)- <b>This mission is completed per State; may generate new request</b> to be forthcoming related to MARC or community activities. MDHHS to advise next steps. 2/3/16-(State Health Review)-Mission completed through community engagement
40	1/29/2016	MDHHS	Communication s	2, 3, 4	Utilization of CDC experts in interviews with the media and in meeting with the public regarding legionella, lead, and bathing.	High-3	M	X					HMTE	CDC/ATSDR (for science) All (depending on population being addressed)	CDC JIC (Scheel)		2/8/16 (HMTE) - Jen Eisner sent a list of questions to Christian that MDHHS could use assistance with in terms of Subject Matter Experts, or prepared statements relating to these questions. We are awaiting a response. 2/6/16-HMTE/State Review)-concur to be <b>completed</b> ; may request and revisit for assistance in future if necessary
41	1/29/2016	MDHHS	Communication s	2, 3, 4	Assistance in prioritizing and guiding a plan for secondary/tertiary prevention strategies for the Flint community, including with working local public health, subject matter experts, the academic community, and the Governor's multi-agency coordinating committee	High-3	M	X					HMTE	CDC/ATSDR (for science) All (depending on population being addressed)	Donna Knutson (CDC/ATSDR)		2/3/16 (State Health Review)- <b>Completed for federal assistance.</b> MDHHS has target date of March 15 for state PIO is collaborating with CDC/ATSDR staff 2/1/16-(CDC/ATSDR)-MDHHS considers this a long term and sustainability piece. No planned CDC/ATSDR action to date.
44	1/29/2016	MDHHS	Communication s	2, 3, 4	Health Educator assistance to provide appropriate and relevant materials on this issue. <b>Relates to #1. DUPLICATE REQUEST</b>	Medium-2	S	X					HMTE	CDC (for science) All (depending on population being addressed)	CDC/ATSDR SRS (Buchanan)		2/3/16-(State Health Review)-Relates to #1 and is in process- <b>completed</b> 2/1/16-(CDC/ATSDR)-PHST currently providing assistance to GCHD
45	1/29/2016	MDHHS	Communication s	2, 3, 4	Establish avenues for public interaction and information exchange beyond social media with capacity to surge during an incident.	Low-1	L	X					HMTE	CDC (for science) All (depending on population being addressed)	Donna Knutson (CDC/ATSDR)		2/1/16-(CDC/ATSDR)-MDHHS considers this a long term and sustainability piece. No planned CDC/ATSDR action to date. Task force <b>completed.</b>
46	1/29/2016	MDHHS	Community/ Provider Engagement	2, 3, 4	Assist with and advise for engagement of public and private organizations that represent the functional, cultural and socio-economic.	High 1	S	X					HMTE				2/3/16-(State Health Review)- <b>Completed.</b> Request rolled into MARC function for long term.
48	1/29/2016	MDHHS	Community/ Provider Engagement	2, 3, 4	Statewide symposium to address issues with short and long term issues with lead poisoning in children.	High 3	S	X					HMTE	CDC	CDC/ATSDR SRS (Buchanan)		2/3/16-(State Health Review)- <b>Completed.</b> State planning has not yet begun. <b>Return to programmatic function.</b> MDHHS will request assistance when needed in future 2/1/16-(CDC)-MDHHS interested in statewide healthcare provider symposium likely fall 2016; revisit summer 2016. No planned CDC/ATSDR action to date.
51	1/29/2016	MDHHS	Community/ Provider Engagement	3, 4	Conduct Clinician Outreach and Communication Activity (COCA) webinars to increase outreach to healthcare providers.	Medium 3	S	X					HMTE	CDC/ATSDR	CDC/ATSDR SRS (Buchanan)		2/3/16-(State Health Review)- <b>Funding issue-Return to program.</b> MDHHS to advise if any further action needs to be taken. 2/1/16-(CDC/ATSDR)-CDC/ATSDR available to assist reaching a larger audience for COCA webinars. MDHHS to advise next steps.



11a		DEQ	Data and Surveillance	1a, 2, 3	1, 2	o Consultation on developing residential water sampling protocols, assessment of water sources and interpretation of results where elevated copper levels are detected.	High-1	L	X					WQTF	DEQ	Brian Kelly (EPA TF Lead) Kai Elgethun (CDC/ATSDR)	DEQ sampling on-going in field; incidental copper data provided to DEQ by EPA.	2/11/16 - (Matrix Rvw) - EPA is providing DEQ information on copper in homes incidental to the samples collected for lead. No federal action on this task any further. EPA recommended closure of this task; state DEQ and state EM LNO concurred with closure. Recommend closure of this task; no further support on copper health effects by CDC on fact sheet. CLOSED. 2/10/16 - (ATSDR) - Further work with EPA on copper health effects language for joint fact sheet.
42	1/29/2016	MDHHS	Communications	N/A	2, 3, 4	Identify an expert available to staff and providers to answer questions specific to lead in the water and products available to purify water. <b>COMBINED WITH #40</b>	High-4	S	X					WQTF	CDC (for science) All (depending on population being addressed)	CDC JIC (Scheel)		2/9/16 - (WQTF) - Sampling/analysis and interpretation of copper results is on-going 2/8/16 - (Matrix Rvw) - closed per state and combined with Task #40; duplicate request. <b>COMPLETED</b> 2/6/16-(WQTF/PEATF/State Review)-Moved to monitoring; remain in progress because needs may arise 2/5/16-(CDC)-experts identified; mission complete- validate with State Health LNO 2/3/16-(State Health Review)-believed to be complete; need MDHHS concurrence or
33	1/29/2016	MDHHS	Nutrition		3, 4	Expand WIC for city of Flint children, to those 5-10 years of age.	High-1	L	X					NETF	USDA-FNS Office Women's Health, ACF, TANF	Vista Fletcher (USDA) Sandra MacMartin		2/5/16-(NETF review/State Health Review)- <b>completed</b> -waiver denied; no further requests at this time. Technical assistance through WIC program provided via normal programmatic functions. State may submit another request - more to follow 1/30/16-(USDA SitRep)-The USDA denied Michigan Department of Education letter
34	1/29/2016	MDHHS	Nutrition		3, 4	Lactation Support - Provide additional federal resources to the WIC program to augment WIC peer counseling and utilize existing staff in more dedicated lactation support role.	High-2	L	X					NETF	USDA-FNS Office Women's Health, ACF, TANF	Vista Fletcher (USDA) Sandra MacMartin (USDA)		2/11/16 (DHHS email) - requirement closed, state reallocated resources to meet the needs of the ask. <b>CLOSED</b> . 2/8/16 (Matrix Rvw) - pending state SME decision. 2/5/16-(NETF/State Health Review)- believed to be complete; Request State LNO to determine if mission can be closed 1/28/16-(USDA)-"performing already" and FNS will be issuing the FY 2016 WIC Breastfeeding Peer Counseling funds by mid-March.
54	2/7/2016	GCHD	Nutrition	11	3,4	MDHHS requested that USDA-FNS authorize financial support to the Flint WIC clinics for the lead testing of WIC participants with appropriate Medicaid cost sharing. Approved letter to follow.		S	X					NETF	EDA (Economic Development Administration) USDA-FNS	Vista Fletcher (USDA) Sandra MacMartin (USDA)		2/11/16 - (USDA Press Release 0037.16) - Approved. 2/10/16 - (NETF) - Approval memo was completed today by USDA. Requesting with the state that this issue is <b>COMPLETED/CLOSED</b> 2/8/16 (Matrix Rvw) - CHECC requested to wait to close this task until they get an official approval for Medicare cost sharing.
19	1/29/2016	MDHHS	Children's Services		3, 4	Discretionary emergency funds aside from our regular flex fund sources (CP/CP, SFSC, etc.) for the following items:	High-1	M	X				State	Recovery	ACF EPA, SAMHSA, HUD	Diana Hadzibegovic (TF Lead) Byron Mason	MI to decide if wants to use TANF funds	2/8/16 (HSTF) - ACF shared guidance with MDHHS on use of TANF non-recurrent, short-term benefits to help eligible families. Michigan has flexibility under the TANF program to offer a wider range of services or benefits in response to the situation in Flint. If Michigan does decide to offer new benefits or services not covered by its current TANF Plan, or decides to change the eligibility criteria for any benefits or services, it may do so by submitting a TANF Plan amendment. 2/5/16-(HSTF)- 02/05 - Met with Genesee County Community Action Resource
19a	1/29/2016	MDHHS	Children's Services		3, 4	o Gas card clients need to have access to resources and attend medical appointments for follow up specific to lead exposure	High-1	M	X				State	Recovery	ACF EPA, SAMHSA, HUD	Diana Hadzibegovic (TF Lead) Byron Mason	State to take action if desired	2/2/16-(HSTF)-ACF affirmed that the state can use Temporary Assistance for Needy Families (TANF) Non-Recurrent, Short Term funds to provide these services to respond to this emergency. State has been informed and can take action if desired.
19b	1/29/2016	MDHHS	Children's Services		3, 4	o Food cards-clients are using BRIDGE cards for water, leaving little left for food.	High-1	M	X				State	Recovery	ACF EPA, SAMHSA, HUD	Diana Hadzibegovic (TF Lead) Byron Mason	State to take action if desired	2/2/16-(OASH email)-ACF has shared guidance with the Michigan DHHS regarding using TANF non-recurrent, short-term benefits (45 CFR 260.31(b)(1)) to help eligible families deal with a specific crisis situation. These could include short-term (i.e., 4 months or less) payments or vouchers to low-income families with children for purchase of bottled water; and gas cards/bus passes for these families. Michigan has flexibility under the TANF program to offer a wider range of services or benefits in
19c	1/29/2016	MDHHS	Children's Services		3, 4	o Bus passes-same purpose/intent as above.	High-1	M	X				State	Recovery	ACF EPA, SAMHSA, HUD	Diana Hadzibegovic (TF Lead) Byron Mason	State to educate residents	2/3/16-(State Health Review)- State Health LNO believes this is educational issue for residents - BRIDGE cards are not needed for water (it's free) - crossover to ESF# 15 and education
20	1/29/2016	MDHHS	Children's Services		3, 4	Increase match temporarily with Title IV-E funds to support five additional staff for Child Welfare and Cash District offices to track, monitor and follow up with clients.	High-2	L	X					HSTF	ACF EPA, SAMHSA, HUD	Diana Hadzibegovic (TF Lead) Byron Mason	No further action required.	2/10/16 (MIDHHS) - Moved 4 full-time equivalents to Flint and will draw down allowable IV-E reimbursement. <b>COMPLETED</b> . 2/8/16 - (HSTF) - ACF advised HSTF that ACF does not have statutory authority to increase match funding. ACF has not received an official/formal request from the state on this issue. The State must submit an official request to ACF, if it wants an official response.
25	1/29/2016	MDHHS	Children's Services		3, 4	Grant a limited term administrative rate increase to primary Placement Agency Foster Care (PAFC) contracts.	Low-4	L	X				State	Recovery	ACF EPA, SAMHSA, HUD	Diana Hadzibegovic (TF Lead) Byron Mason	No further action required.	2/10/16 (MIDHHS) - Moved 4 full-time equivalents to Flint and will draw down allowable IV-E reimbursement. <b>COMPLETED</b> . 2/8/16 - (HSTF) - ACF advised HSTF that ACF does not have statutory authority to increase match funding. ACF has not received an official/formal request from the
28-2	1/29/2016	MDHHS	Medical Services		3, 4	The State funded program "Healthy Homes" - currently at \$1.8m General Fund (GF), but this would allow Medicaid match for all GF. Abatement includes:	High-2	L	X				State	Recovery	CMS, HRSA	Diana Hadzibegovic (TF Lead) Byron Mason	State taking applications	2/8/16 - (Matrix Rvw) - HUD affirmed its existing "Healthy Home" funding to state grantees (e.g., Housing Commission) can be utilized by the county to support lead abatement in homes, including in water. State is taking action to identify/enroll potential applicants (i.e., homes). 2/4/16-(HSTF)-HUD has identified that existing "Healthy Home" funding can be
28-2a	1/29/2016	MDHHS	Medical Services		3, 4	a. The removal of lead hazards, permanent enclosure or encapsulation of lead based paint, replacement of surfaces or fixtures, removal or covering of soil lead hazards, and all post-abatement clearance testing activities.	High-2	L	X					HSTF	CMS, HRSA	Diana Hadzibegovic (TF Lead) Byron Mason	State to work with HUD to file applications	2/3/16-(HSTF)-Existing HUD Office of Lead Hazard Control and Healthy Homes grant to MI targets \$325K to Healthy Homes. Per HUD, funds can be used for lead hazards in water in homes. Abatement of lead based paint also eligible for HUD funding. <b>Closed</b>



28-2b	1/29/2016	MDHHS	Medical Services	3, 4	b. DSHPs are health programs funded by the state, many of which provide safety-net health care services for low-income or uninsured individuals such as adult day care, outpatient substance abuse treatment or care for the mentally ill who are not eligible for Medicaid. CMS has approved DSHP for use in states (e.g. OR), although not for lead abatement.	High-2	L	X			State	Recovery	CMS, HRSA	Diana Hadzibegovic (TF Lead) Byron Mason	State grantee to apply	2/8/16 - (Matrix Rvw) - HRSA advised that Hamilton Community Health Network, to use existing funds to conduct workshops on (1) detecting behavioral health issues that may occur as a result of lead exposure; (2) healthy eating habits and educating participants about food with high levels of lead content; (3) and awareness of potential physical disabilities caused by lead exposure in children, HRSA advised that Genesee County Health Start, plans to hire an additional health educator to address community public health needs related to lead.
52	1/29/2016	MDHHS	Community/ Provider Engagement	3, 4	Assistance with recruitment and retention of pediatric health care professionals including behavioral health.	Medium 4	L	X			State	Recovery	HRSA	Diana Hadzibegovic (TF Lead) Byron Mason	State to work with state grantees to file applications	2/8/16 (Matrix Rvw) - HRSA grantees to submit application for supplemental funding; HSTF to provide state with list of eligible grantees. HRSA will provide guidance and support to its grantees on use of supplemental funding. HRSA can also provide subject matter expertise to the State via HRSA programs (e.g., National Health Service Corps) on how to recruit and retain physicians and nurses to an underserved area by offering loan forgiveness and other incentives.
56	2/9/2016	HSTF	Community/ Provider Engagement	25	*** NOT AN OFFICIAL OBJECTIVE from State's request. Instead this is an opportunity that the HSTF identified during its operations.		L	X			State	Recovery	HRSA	Diana Hadzibegovic (TF Lead) Byron Mason		2/4/16-(HSTF)-HRSA advised that it is exploring availability of one-time supplemental
State	1/26/2016	Genesee County	Technical Assistance	2, 4	Multi-Agency ResourceCenter (MARC): <b>State monitored project. Genesee County Health Department</b> to create sites in the community for "one stop shop" for human and social services. To include water distribution, filter distribution, education materials.	HIGH	S	X			State	State	OASH, ASPR	Mary Macqueen (MI-DHHS)		2/8/16 - (UCG) - <b>CLOSED</b> no further USG action. 2/5/16-(State Health Review)-MDHHS and State officials are determining next steps; no action at this time for USG assistance. MDHHS/ State EOC will provide next steps. 2/3/16-(State Health Review)-This is a state monitored project. County Health (GCHD) has the lead to establish MARC centers in the community. Request to federal govt is to provide some guidance on the development of these centers. This has been provided through the community engagement teams. Goal is to get volunteers to assist in supporting these centers.
43	1/29/2016	MDHHS	Communications	5a, 12a, 16a	2, 3, 4	Crisis communications response training for Department PIOs and leadership. 1:1 training - Barbara Reynolds to train state officials in Governor's Office and MI-DEQ.	High-5	S	X			PEATF	CDC/ATSDR (for science) All (depending on population being addressed)	John Smart (TF Lead) CDC JIC (Scheel)	Training is scheduled and will be completed by 18 Feb 16.	<b>TARGET END DATE: 18 Feb 16</b> 2/12/16 - (ATSDR) - provided state health department with CERC training materials. 2/11/16 - (Matrix Rvw) - State confirmed that trainings are scheduled and the task can be considered complete; <b>CLOSED</b> . 2/10/16 - (CHECC) Meetings on 12th 16th and 18th. 2/8/16 - (Matrix Rvw) - State JIC confirms February training dates; CHECC will only confirm closure after last training date scheduled for 16 Feb. (HMTF) - Lisa Briseno

**From:** El-Hinnawy, Patricia  
**Sent:** 13 Feb 2016 21:33:55 +0000  
**To:** Gwisdalla, David; Smart, John (OS); Kelly, Brian; Mason, Byron (OS); Hadzibegovic, Diana S (OS); Fletcher, Vista (USDA); MacMartin, Sandra - FNS  
**Cc:** john.gibbons@hhs.gov; Levine, Cheryl (OS); (b) (6); macqueenm@michigan.gov; Somers, Tarah; Pereira, Esmeralda (OS); Scheel, Christian H (CDC); (b) (6); michael.l.polsinelli@hud.gov; (b) (6) urno, Mark; Halbur, Kathy; Smith, Jason (DHHS); feighnerb@michigan.gov; Sheehan, Christopher  
**Subject:** RE: Flint Water Crisis UGC Task Force Request Matrix Updates

PEATF: No updates.

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**From:** Gwisdalla, David [mailto:Gwisdalla.David@epa.gov]  
**Sent:** Saturday, February 13, 2016 4:17 PM  
**To:** Smart, John (OS); Kelly, Brian; Mason, Byron (OS); Hadzibegovic, Diana S (OS); Fletcher, Vista (USDA); MacMartin, Sandra - FNS; El-Hinnawy, Patricia  
**Cc:** Gibbons, John F (OS); Levine, Cheryl (OS); (b) (6); macqueenm@michigan.gov; Somers, Tarah; Pereira, Esmeralda (OS); Scheel, Christian H (CDC); c(b) (6); michael.l.polsinelli@hud.gov; (b) (6) urno, Mark; Halbur, Kathy; Smith, Jason (DHHS); feighnerb@michigan.gov; Sheehan, Christopher  
**Subject:** Flint Water Crisis UGC Task Force Request Matrix Updates

Flint Water Crisis UGC task force leads. I realize it is a quiet day and may be a quiet weekend in the request matrix world. Please keep your team's focus, where possible on closing out tasks. We would like to move tasks from either Federal or State action to completed/closed. Even though some issues are long-term please provide updates where possible when you reach milestones for an issue. Also remember to provide the issue number you are referring to with your input.

**If you don't have any updates simply respond "no updates."**

To reach me on my cell, call 303-462-9307. Have a good evening.

Regards, David.

David A. Gwisdalla, P.E., MSEE  
Commander, U.S. Public Health Service  
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P.O. Box 25227, Bldg 25, Rm 2A-305  
Lakewood, Colorado 80225

**From:** Gwisdalla, David  
**Sent:** 13 Feb 2016 22:49:51 +0000  
**To:** Elgethun, Kai (ATSDR/DCHI/WB); Pearson-Clarke, Rosemary P. (CDC/ONDIEH/NCEH) (CTR); Wolfe, Herbert (CDC/ONDIEH/NCEH); Funk, Renee (CDC/NIOSH/OD); Cibulas, William (ATSDR/OA/OD); Bowman, Thomas (OS/ASPR/OEM); Smith, Jason (DHHS;michael.l.polsinelli@hud.gov; Bassler, Rachel; Durno, Mark; Michael, Gretchen (OS/ASPR/COO); Odom, Janet (OS/ASPR/OEM); Stankewicz, Todd (OS/ASPR/OEM); IRCT1.FUSN (HHS/ASPR); Linda Scott; Dr. Jacqueline Scott; Mason, Byron (OS/ASPR/OEM); Hadzibegovic, Diana (OS/ASPR/OEM); feighnerb@michigan.gov; tim.english@fns.usda.gov; Lam, Shelly; john.gibbons@hhs.gov; Voirin, Anthony (OS/ASPR/OEM); warren.riley@fema.dhs.gov; donald.mobley@fema.dhs.gov; Hurwitz, Nathan (OS/ASPR/OEM); russom3@michigan.gov; Fletcher, Vista (USDA); macqueenm@michigan.gov; Pereira, Esmeralda (OS/ASPR/OEM); MacMartin, Sandra - FNS; Kuzerah@mi.gov; robert.gaskill-clemons@redcross.org; Levine, Cheryl (OS/ASPR/OPP); (b) (6) usion@hhs.gov; IRCT1.OP5@hhs.gov; IRCT1.OP52@HHS.gov; Hurwitz, Nathan (OS/ASPR/OEM); hlb8@cdc.gov; Smart, John (OS/ASPR/OEM); john.gibbons@hhs.gov; Bowman, Thomas (OS/ASPR/OEM); Smith, Jason (DHHS); Somers, Tarah; Halbur, Kathy; (b) (6)  
**Cc:** IRCT1.CMO@HHS.GOV; Gwisdalla, David  
**Subject:** MDHHS Request Matrix  
**Attachments:** 13Feb16\_FINAL\_MASTER\_UNIFED REQUEST LIST\_Flint MI\_UCG.pdf

ALCON

Attached is the MDHHS Request Matrix for 13 Feb 16. This is the latest version based on the discussions with task force leads and state review. The next matrix review meeting will be Tuesday morning; IRCT/Plans will send out a meeting request to task force leads and our state partners. Please review and if you have any questions please let the information management group know. Please work to provide updates to the matrix. When you do please remember to include the task number with any of the updates you provide.

**REMOVE AND DESTROY ALL OTHER COPIES –**

To reach me on my cell, call 303-462-9307.

Regards, David.

David A. Gwisdalla, P.E., MSEE  
Commander, U.S. Public Health Service  
PHS Commissioned Corps Officer Detailed to EPA

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P.O. Box 25227, Bldg 25, Rm 2A-305  
Lakewood, Colorado 80225

# 2016 Flint Water Response MDHHS Request List Action Tracker

Matrix Legend				Expected request duration		Task Closure Statistics		
Task Force (TF) Legend				State Priorities: High- Medium-Low		Agency/Closed	# Tasks	% of Total
MDHHS/State EOC				S = short term (0 - 3 months)		Federal	13	18%
Health & Medical				M = mid-term (4 months- 1 year)		State	25	34%
Water Quality Task Force				L = long-term (1 year and beyond)		Completed/Closed	36	49%
Nutrition/Education Task Force				USG Objectives		TOTAL 74		
Human Services Task Force				1 Provide immediate access to safe water				
Public & External Affairs Task Force				2 Ensure the safety of and public confidence in the water supply				
Completed but may generate new request				3 Understand and address immediate health needs from potential lead exposure				
				4 Mitigate other impacts of the water contamination crisis on the residents of Flint				

As of: 2/13/2016 1745 hrs

Issue #	Date State Request Made	Asset Requester	Commodity	UCG IAP Operational Period #9 Objective #	USG Objectives (Legend below)	Request Summary Provided / Vetted by State	State Priority (Identified as High - Medium-Low then ranked in order to be done)	Expected request duration	Complete	Ongoing	Proposed	Requires State / Federal Action	Primary Task Force Assigned	Federal Agency Lead or HHS OpDiv/Staff Div	Federal POC	Required Action	Task Status/Update/Notes Comments
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## RESPONSE TASK FORCE ACTIVE / IN-PROGRESS

### Federal Action Needed

1	1/26/2016	Genesee County Health Department (GCHD)	Human Resources	22	2, 4	Requests for individuals to provide immediate short term assistance for the GCHD (duration 14-30 days) Technical Assistance: Sanitarian/Health Educator/Nurse/Risk Communicator/2 case managers	HIGH	S		X		Federal	HMTF	DCCPR	John Smart (TF Lead) Tara Somers (CDC Support)	Sustainability Plan / Exit Strategy	TARGET END DATE: 2/16/16 2/12/16 - (ATSDR) - GCHD staff is out until 17 Feb, no new updates expected from the county until then on any new lead results. 2/11/16 - (HMTF) - Other requirements of this ask ended, the only remaining on-going activity for this ask are two nurse case managers regarding lead level results who demobilize on 17 February. 2/10/16 - (PHST) - As of 2/9/16 there were 118 cases either "pending" case management. Two nurse case managers are working the cases; expect to manage
2	1/26/2016	Genesee County Health Department (GCHD)	Behavioral Health	26,27,28, 29	2, 3, 4	Technical assistance for DHHS and the Genesee Health System (Community Mental Health) for needs assessment; immediate, intermediate and long term planning; and behavioral health specific messaging. Support for continued expansion of Psychological First Aid resources (Human Resources Request)	HIGH	S		X		Federal	HMTF	SAMHSA	John Smart (TF Lead) CAPT Coady (SAMHSA)	Provide training: last training event on 18 Feb.	TARGET END DATE: 2/26/16 2/10/16 - (PHST) - Stress management training scheduled for 11, 12, 17 and 18 Feb. (PHST) - Developing a sustainability plan. (CHECC SitRep) - CAPT Coady (SAMHSA) return to Flint 10-11 Feb to assist with in coordination with PHS mental health teams. 2/6/16-(PHST SitRep)-ARC training scheduled for upcoming week with volunteer agencies 2/5/16-(CDC) AmeriCorps volunteer training completed 2/1/16-(PHST SitRep)-GCHD staff support / counseling ; MH Support Activities for AmeriCorps Volunteers; Assist with developing an engagement strategy for GCHD to
21	1/29/2016	MDHHS	Children's Services	26,27,28, 29	2, 4	Assistance in building a trauma-informed child and family-service system. All in system need to recognize and respond to the impact of traumatic stress on those who have contact with the system including children, caregivers, and service providers. (Behavioral health issues) <b>RELATED TO #2</b>	Medium-3	L		X		Federal	HMTF	ACF, EPA, SAMHSA, HUD	John Smart (TF Lead)	Provide training: last training event on 18 Feb.	TARGET END DATE: 2/26/16 2/10/16 - (PHST) - Developing a sustainability plan. 2/8/16 (Matrix Rvw) - Sustainability plan/exit strategy in development. 2/4/16-(CHECC)-Per Jodi and Jamie: This is being partially met with the MHT teams we have in place; this is a long-term issue; MDHHS is aware and addressing the sustainability piece once our teams depart; MDHHS is in the very early assessment and implementation phase. 2/3/16-(MDHHS)-clarification-Could be currently being met by PHST team at GCHD. More clarification forthcoming. The CHECC thought this was a long term program to
49	1/29/2016	MDHHS	Community/ Provider Engagement	-	2, 4	Recovery- Provide federal resources to assist local and state with long term recovery. <del>2-FTE for health and 2-FTE for human services.</del> 1-FTE planner for health and 1-FTE planner for human services. Local and state public health will be working to establish and support recovery activities that will most likely last for years. Assistance is needed to develop strategies to ensure all aspects are captured in planning to include blood level testing, healthy homes, nutrition, and long term surveillance.	Medium-High	L		X		Federal	HMTF	CMS, HRSA	John Smart (TF Lead)	Evaluate the State's request for federal resource assistance.	2/12/16 - (EM State LNO) - received an ask for support, request support from HRSA. Amended the original ask to provide clarity. 2/11/16 - (EM State LNO) - HRSA supporting FQHC on how to best request additional funds. 2/8/16 (Matrix Rvw) - HMTF lead to determine if additional state documentation is needed. 2/7/16-2/7/16-(CHECC/State LNO follow-up)-State believed matrix was official avenue for request; UCG provided direction to State Health LNO that a formal letter of request outlining specific and defined need would be needed. 2/3/16-(State Health Review)-Funding request. MDHHS needs to determine if they are going to submit formal funding request.
11	1/29/2016	MDHHS	Data and Surveillance	1a, 2, 3a	1, 2	Consultation on developing residential water sampling protocols, assessment of water sources and interpretation of results where elevated <b>blood lead</b> levels are detected.	High-1	L		X		Federal	WQTF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	Brian Kelly (EPA TF Lead) Candis Hunter (CDC/ATSDR)	Sampling on-going in field	2/10/16-(CDC)-ATSDR field consultations on-going 2/5/16-(CDC)-ATSDR field consultations on-going 2/3/16-(EPA SitRep)-Sampling continues; addressing chlorine and lead issues - formal strep provides details 2/1/16-(EPA SitRep)-Assisted Water Branch with sampling efforts. Performed lead sequential, lead filter, filter grab, and residual chlorine sampling in homes and churches; cleaned aerators/filters at all sampling locations. ORD Water Assessment Team: Team is end route and will resume sampling tomorrow. Drafted a press release

12	1/29/2016	MDHHS	Data and Surveillance	1a, 2, 3a	1, 2	Establish quality assurance system to verify safe water sources at impacted homes, schools and businesses. [belongs with Row Above]	High - 1	L	X	Federal	WQTF	EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	Brian Kelly (EPA TF Lead) Candis Hunter (CDC/ATSDR)	EPA sampling on-going in the field.	2/12/16 - (ATSDR) - Providing health consultation and education during home visits. 2/11/16 - (Matrix Rvw) - On-going, quality assurance project plan (QAPP) updated as needed for lead, copper, rash sampling/analysis. (CDC/ATSDR) - CDC water SME assumed leadership role in support of EPA field teams. 2/9/16 - (WQTF) - quality assurance system developed to assess safe water sources. (MI EM LNO) - DEQ needs to address how it is tracking to ensure all home water sources that are using a filter. 2/8/2016 - (Matrix Rvw) - DEQ conducting targeted sampling/or per individual home
55	2/7/2016	MDEQ	Data and Surveillance	-	-	DEQ requests UCG representative confirm with EPA and USDHHS on if an address with a sample result is considered Personally Identifiable Information (PII).	High	S	X	Federal	WQTF		Mark Durno (WQTF Lead) Candis Hunter (ATSDR)	EPA to provide DEQ with an MOU that DEQ will not disseminate the PII provided by EPA.	<b>TARGET END DATE: 19 Feb 16</b> 2/11/16 (MI EM LNO) - DEQ request all EPA monitoring results; including those conducted by Miguel Del Toral, and Dr. Marc Edwards; state may include these sites in sentinel program. 2/10/16 - (DEQ) - EPA office of general counsel to develop an MOU with DEQ to illustrate DEQ's use of information provided by EPA; ETA for MOU from EPA is 12 Feb. 2/9/16 (WQTF) - Addresses are PII; EPA requested an agreement from the state to ensure they do not release PII is not released to the public. <b>RELATES TO ISSUE # 37.</b> 2/8/16 - (EPA/HHS) Referred issue to respective general counsels waiting on legal opinion what data is PII.
8	1/29/2016	MDHHS	Nutrition	11	3, 4	Expand use of WIC/Food Assistance for Farmer's Markets/Food Banks/Mobile Food Banks.	High-1	L	X	Federal	NETF	USDA-FNS Office Women's Health, ACF, TANF	Vista Fletcher (USDA) Sandra MacMartin (USDA)	USDA provide support to State on WIC/Food Assistance.	2/11/16 (DHHS email) - State requests USDA support with WIC food assistance. 2/8/16 (Matrix Rvw) - pending state SME decision. 2/5/16-(NETF/State Health Review)-The WIC Farmers Market Nutrition Program (FMNP) allocation formula is set out in regulations (base grant amount is in statute). For FY 2016, it is anticipated Michigan will get at least the amount it received in FY 2015. Once FNS allocates the money to the State, it is a State decision on where the FMNP funds are deployed throughout the State. Michigan could decide to focus
36	1/29/2016	MDHHS	Nutrition	11	3, 4	Assistance with nutrition planning for the inclusion of private industry to address the food desert.	Medium-6	L	X	Federal	NETF	EDA (Economic Development Administration) Doug Lynott	Vista Fletcher (USDA) Sandra MacMartin (USDA)	EDA to provide examples to state on how to do this.	2/11/16 - (Matrix Rvw) - EDA and Michigan Economic Development Corporation (MEDC) contacts identified and connected. 2/8/16 (Matrix Rvw) - CHECC requests USG provide examples/guidance on how to entice business to come into the area. 2/7/16 - (CHECC/State LNO follow-up) looking at long term assistance in getting
53	2/4/2016	MI-Department of Education	Nutrition	11	3, 4	The City of Flint needs additional food supply to help provide healthy food choices for The Emergency Food Assistance Program (TEFAP) eligible families, with a focus on foods that are high in calcium, iron, and Vitamin C. Request is to use USDA disaster food package boxes.		M	X	Federal	NETF	USDA-FNS	Vista Fletcher (USDA) Sandra MacMartin (USDA)	Waiting on MI-DOE input to complete USDA decision / letter of approval	2/10/16 (NETF) - USDA is still in the process of reviewing the MI-DOE request; requested details from MI-DOE to complete the review. 2/8/16 (Matrix Rvw) - USDA is still in the process of reviewing the MI-DOE request. 2/5/16-(NETF)-received application from MI-DOE; Application to utilize USDA Disaster Food for Disaster Household Distribution (high in micro-nutrients) due to Flint water crisis. 2/4/16, MDE submitted a request to FNS to utilize USDA Foods for Disaster Household Distribution. FNS staff are currently reviewing the request to determine if
28-1	1/29/2016	MDHHS	Medical Services	-	3, 4	Lead Abatement through an 1115 waiver financed by a "designated state health program."	High-2	L	X	Federal	HSTF	CMS, HRSA	Diana Hadzibegovic (TF Lead) Byron Mason	Awaiting CMS decision memo	2/8/16 - (Matrix Rvw) - CMS is developing decision memo to the state's request to use 1115 funding for lead abatement activities in homes; there is no definitive ETA on release of the memo. HSTF to identify additional federal resources that could support the state's lead abatement request.
AA	2/1/2016	UCG	Public & External Affairs Task Force	12a		Coordinate the intergovernmental, public and external affairs effort to ensure awareness and visibility of communications activities regarding Flint water crisis with State and Federal partners.	HIGH	S	X	Federal	PEATF		G. Michael (TF Lead)	Ongoing product development	2/12/16 - (ATSDR) - reviewing multiple communication materials per EPA request. Responded to state inquiry regarding concerns on bathing in contaminated water. 2/11/16 (ATSDR) - State request for a bathing fact sheet finalized (request 2/1/16). 2/10/16 (ATSDR) - Refined recommended language for blood lead testing for children under six. 2/9/16 - (ATSDR) - Provide technical assistance to refine science messaging on
88	2/2/2016	UCG	Public & External Affairs Task Force	5a, 16a		Assess approach to public messaging and outreach with State and Federal partners.	HIGH	S	X	Federal	PEATF		G. Michael (TF Lead)	Ongoing product development	2/3/16-(PEATF)-worked with the state JIC and multiple federal agencies and jointly developed, posted speakers bureau, facilitated talking points

#### STATE RESPONSE ACTIVE / IN-PROGRESS

State Action Needed															
6	1/29/2016	MDHHS	Medical Services	-	3, 4	Targeted Case Management (either through <b>Special Program Amendment (SPA) or Waiver</b> ): roughly 1,000 children are not transitioning to Mental Health Providers (MHPs) from Fee for Service (FFS), and MHPs primarily conduct telephonic case management.	High-1	L	X	State	HMTF	CMS, HRSA	John Smart (TF Lead) Esmerelda Pereira (ASPR DLG)	State CMS SME to answer	<b>TARGET END DATE: 2/17/16</b> 2/8/16 - (State CMS Director) Awaiting CMS decision on waiver for further action. 2/7/16-(CHECC/State LNO follow-up)-This is being sent to the SMEs for update. 2/3/16-Awaiting State CMS to provide insight on conversations between State CMS Director and CMS HQ.
7	1/29/2016	MDHHS	Behavioral Health Services	-	2, 4	Behavioral health - technical assistance for DHHS and the Genesee Health System (Community Mental Health) for needs assessment; immediate, intermediate and long term planning; and behavioral health specific messaging. [Policy/Grant Assistance](Note: Not the same request as above)	High-1	S	X	State	HMTF	SAMHSA ASPR, ABC, ACF, SCL	John Smart (TF Lead) CDR Jami Seligman (SAMHSA)	State submit grant app by 4/4/16	<b>TARGET END DATE: 4/4/2016</b> 2/3/16-SAMHSA RA (CAPT Coady) met with MDHHS staff to provide further guidance for SERG grant application -Application due date is April 4, 2016. 1/31/16 State SitRep-MDHHS representatives met with Terri Spear (SAMHSA) re: SERG grant



18	1/29/2016	MDHHS	Data and Surveillance	24	2, 4	Technical assistance in the development of a long term lead surveillance strategy which includes a diverse set of data sources such as medical information found on birth records, data from the birth defects registry and other data sources that may be useful to public health researchers.	Medium-3	L	X	State	HM/TF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	John Smart (TF Lead) CDC/ATSDR SRS (Buchanan)	State to take action if desired to obtain funding.	2/5/16-(CDC)-interagency communications continue, working on long term lead strategy 2/3/16-(State Health Review)-MDHHS Toxicology/Environmental Health programs have a database to track individuals. MDHHS is looking for <b>funding</b> and/or an outside source of software. MDHHS unsure if in-house IT capacity is there to meet the needs.
18a	1/29/2016	MDHHS	Data and Surveillance	24	2, 4	o Database for long term monitoring and follow up surveillance	Medium-3	L	X	State	HM/TF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	John Smart (TF Lead) CDC/ATSDR SRS (Buchanan)	State to take action if desired	
18b	1/29/2016	MDHHS	Data and Surveillance	24	2, 4	o Case Management Software	Medium-3	L	X	State	HM/TF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	John Smart (TF Lead) CDC/ATSDR SRS (Buchanan)	State to take action if desired	
18c	1/29/2016	MDHHS	Data and Surveillance	24	2, 4	o Enhanced capacity for laboratory surge for environmental and blood lead testing through Epi Lab Capacity federal funding.	Medium-3	L	X	State	HM/TF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	John Smart (TF Lead) CDC/ATSDR SRS (Buchanan)	State to take action if desired	1/31/16- CDC-Possible role for NCEH/ATSDR BSC
18d	1/29/2016	MDHHS	Data and Surveillance	24	2, 4	o Technical assistance to develop a methodology to assess past lead exposure.	Medium-3	L	X	State	HM/TF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	John Smart (TF Lead) Morris Maglia (CDC/ATSDR - Support)	State to take action if desired	2/4/16-(State Health Review)-MDHHS is looking to find if there is an "app" for global notifications. CDC JIC is evaluating this to determine if there is anything besides social media opportunities. 2/3/16-(State Health Review)- <b>Funding issue</b> -MDHHS uses HAN and another system but wants to expand outreach to individual providers; MDHHS needs to determine if formal request is to be submitted 2/1/16-(CDC/ATSDR)-MDHHS asks for technical assistance on HAN outreach to a
22	1/29/2016	MDHHS	Children's Services	-	2,4	Augment resources to include healthcare personnel or federal teams to conduct additional blood lead level testing sites. <b>RELATES TO #1</b> - per MDHHS this is the case management piece.	Low-2	S	X	State	HM/TF	ACF EPA, SAMHSA, HUD	John Smart (TF Lead)	GCHD and State need to determine path forward.	2/11/16 - (HM/TF) - RECOMMEND CLOSURE; waiting GCHD and state input. 2/11/16 - (State EM LNO) - Discussed CHECC further information on the GCHD ask. 2/10/16 - (PHST) - Recommend closure of this task; PHS staff will not conduct blood level testing, the case management is a <b>duplicate of ISSUE #1</b> . 2/8/16 - (PHST SA) - Need follow up on elevated lead levels for 15 to 18 kids; may start tomorrow. Will attempt the telephone/home contact. Three new cases (5 - 7 mcg/dl) were due to lab results entered over the weekend.
24	1/29/2016	MDHHS	Children's Services	5a	2, 4	SME's to assist with development of safe water (lead) toolkit that includes ways to identify cognitive effects of lead in children with planned distribution to healthcare providers, schools and day care agencies	Low-3	L	X	State	HM/TF/SCI	ACF EPA, SAMHSA, HUD	John Smart (TF Lead) CDC/ATSDR (Buchanan)	State reviewing toolkit developed by CDC/ATSDR	2/12/16 - (ATSDR) - provided to MI EM LNO for state's review a toolkit developed by CDC/ATSDR that includes ways to identify cognitive effects in children which can be distributed to healthcare providers, schools, and daycare providers. 2/10/16 (ATSDR) - Verifying support for this ask from CDC lead program. 2/8/16 - (Matrix Rwl) - CHECC identifies that toolkit is still in need; CDC/ATSDR tasked to create toolkit.
26	1/29/2016	MDHHS	Medical Services	-	3, 4	<b>1115 Waiver</b> for Expanded Eligibility: All children under 21 regardless of income in the impacted zip codes	High -1	L	X	State	HM/TF	CMS, HRSA	John Smart (TF Lead) Esmerelda Pereira (ASPR DLG)	State CMS SME to answer	<b>TARGET END DATE: 2/17/16</b> 2/8/16 - (State CMS Director) Awaiting CMS decision on waiver for further action. 2/7/16-(CHECC/State LNO follow-up)-This is being sent to the SMEs for update.
26a	1/29/2016	MDHHS	Medical Services	-	3, 4	o If commercial coverage is available, provide Medicaid wrap services	High -1	L	X	State	HM/TF	CMS, HRSA	John Smart (TF Lead) Esmerelda Pereira (ASPR DLG)	State CMS SME to answer	<b>TARGET END DATE: 2/17/16</b> 2/8/16 - (State CMS Director) Awaiting CMS decision on waiver for further action.
26b	1/29/2016	MDHHS	Medical Services	-	3, 4	o Increase intensity and community based activities to 24/7 access and crisis capacity	High -1	L	X	State	HM/TF	CMS, HRSA	John Smart (TF Lead) Esmerelda Pereira (ASPR DLG)	State CMS SME to answer	<b>TARGET END DATE: 2/17/16</b> 2/8/16 - (State CMS Director) Awaiting CMS decision on waiver for further action.
26c	1/29/2016	MDHHS	Medical Services	-	3, 4	o Community Mental Health (CMH) with support from Hurley & Children's Healthcare Access Programs (CHAP) for outreach activities	High -1	L	X	State	HM/TF	CMS, HRSA	John Smart (TF Lead) Esmerelda Pereira (ASPR DLG)	State CMS SME to answer	<b>TARGET END DATE: 2/17/16</b> 2/8/16 - (State CMS Director) Awaiting CMS decision on waiver for further action.
26d	1/29/2016	MDHHS	Medical Services	-	3, 4	o Federally Qualified Health Center (FQHC)	High -1	L	X	State	HM/TF	CMS, HRSA	John Smart (TF Lead) Esmerelda Pereira (ASPR DLG)	State CMS SME to answer	2/3/16-(State Health Review)-no update available - <b>Funding item</b> - request to state LNO for follow up with State CMS Director.
27	1/29/2016	MDHHS	Medical Services	-	3,4	<b>Federal Funding:</b> Healthy Home Designation (Section 2703 of ACA - MI already has approval, but not in Flint)	High -1	L	X	State	HM/TF	CMS, HRSA	John Smart (TF Lead) Esmerelda Pereira (ASPR DLG)	State CMS SME to answer	2/7/16-(CHECC/State LNO follow-up)-This is being sent to the SMEs for update.
27a	1/29/2016	MDHHS	Medical Services	-	3, 4	o Would need CMS to designate lead exposure as a chronic condition	High -1	L	X	State	HM/TF		John Smart (TF Lead) Esmerelda Pereira (ASPR DLG)	State CMS SME to answer	



27b	1/29/2016	MDHHS	Medical Services	-	3, 4	Will allow 90% federal match for 8 Quarters for Health Home	High -1	L	X	State	HM/TF	John Smart (TF Lead) Esmerelda Pereira (ASPR DLG)	State CMS SME to answer	2/3/16-(State Health Review)-Relates to #13. Long term project. MDHHS to advise next steps. 1/31/16-No planned CDC/ATSDR action as of 1/31/16
29	1/29/2016	MDHHS	Medical Services	-	3, 4	Expanded Medicaid Benefits: Provide Dietician and Breastfeeding Services/counseling for Flint Medicaid Recipients (SPA/Waiver for statewide implementation if needed)	Medium -1	L	X	State	HM/TF	CMS, HRSA John Smart (TF Lead) Esmerelda Pereira (ASPR DLG)	State CMS SME to answer	2/7/16-(CHECC/State LNO follow-up) - This was sent to the SMEs for update.
47	1/29/2016	MDHHS	Community/ Provider Engagement	5a	2, 4	BSN prepared nurses to supervise student nurses rotating through Flint and providing community outreach and intervention to residents. This is a request from Genesee County Health Department.	High 2	L	X	State	HM/TF	John Smart (TF Lead) Tara Sommers (CDC Support)	Decision on need from the State if to determine if GCHD feels this is still an ask.	2/11/16 - (DHHS email) - waiting on GHCD, appears to be an ask of the State and not of the USG; request input from the State on this ask. 2/8/16 - (Matrix Rvw) - MDHHS officials will check with GCHD staff (Toni who has returned); awaiting response from state. 2/3/16-(State Health Review)-MDHHS clarification-This appears to be a long term ask by the GCHD since they will need BSN nursing staff to supervise students throughout the year. Currently the state is not engaged in this task. GCHD (Toni) is not available
50	1/29/2016	MDHHS	Community/ Provider Engagement	-	3, 4	Expansion of the HAN or development of communication system to include Health Care Providers.	Medium 2	L	X	State	HM/TF	John Smart (TF Lead) CDC JIC (Scheel)	State to determine who needs expansion and where to find funding	2/8/16 (Matrix Rvw) - state to determine extent of HAN distribution. 2/7/16 - (CDC) CDC is working with the state regarding the HAN distribution network. 2/5/16-(NETF/State Health Review)-USDA-FNS matching dollars for FY16 should be distributed mid-March; MI will be receiving funds that can be used to satisfy this request; Request State LNO to determine if mission can be closed 1/28/16-(USDA)- "performing already" and FNS will be issuing the FY 2016 WIC Breastfeeding Peer Counseling funds by mid-March.
37	1/29/2016	MDHHS	Communications	12a, 16a	2, 3, 4	Informatics Infographics in clear format to demonstrate water testing results etc. RELATES TO #13	High 1	L	X	State	WQ/TF	CDC/ATSDR (for science) All (depending on population being addressed) Brian Kelly (WQTF Lead) / CDC JIC (Scheel)	State JIC decision	2/11/16 - (Matrix Rvw) - JIC is coordinating with UofM professor to provide insight on infographics related to blood lead levels. 2/8/16 (Matrix Rvw) - EPA map viewers available on website; state JIC to determine if this is sufficient. Christian gave Angela Minicuci a contact at U of M regarding visualizing data. 2/1/16-(CDC/ATSDR)-No planned actions to date.
9	1/29/2016	MDHHS	Nutrition	-	3, 4	Provide technical assistance to WIC staff on lead and assess ongoing adequacy of nutrition resources; assist with obtaining additional resources as needed.	High-1	L	X	State	NETF	USDA-FNS Office Women's Health, ACF, TANF Vista Fletcher (USDA) Sandra MacMartin (USDA)	State JIC to "Michiganize" California's materials.	2/11/16 - (DHHS email) - California approved Michigan's request to use copyrighted educational materials. 2/10/16 - (9Feb CHECC SitRep) - State in negotiation with California on the use of the fact sheet.NETF standing assist with review when needed. 2/8/16 (Matrix Rvw) - state nutrition plan in development; USDA-FNS providing technical support. California nutritional flyer on lead needs to be "Michiganized"; state is checking on copyright issues; assistance being provided by the USDA-FNS
35	1/29/2016	MDHHS	Nutrition	-	3, 4	Funding for development and implementation of a wichealth.org lesson module on nutrition and lead (many WIC clients access nutrition education online through wichealth.org).	Medium-5	L	X	State	NETF	USDA-FNS Office Women's Health, ACF, TANF Vista Fletcher (USDA) Sandra MacMartin (USDA)	State SME decision	2/8/16 (Matrix Rvw) - pending state SME decision. 2/5/16-(NETF/State Health Review)-Michigan can use its Nutrition Services and Administration funds to develop the module. Also, the regional office could use its Operational Adjustment funds to support development of the module. State health LNO to determine if mission can be closed.
38	1/29/2016	MDHHS	Communications	5a, 16a	2,3,4	Assistance with development of Public Service Announcements utilizing known/trusted sources.	High-2	L	X	State	HM/TF	CDC (for science) All (depending on population being addressed) John Smart (TF Lead) Christian Scheel (CDC JIC)	Communication Plan from State JIC	2/11/16 - (DHHS email) - request to keep this open as the state will need assistance once a framework is drafted. 2/8/16 - (Matrix Rvw) - MDHHS is waiting for communication plan finalization; requested this issue remain open. (MDHHS) compiled a draft media plan. Looking into funding to run PSAs, MDHHS will work with CDC on messaging.
10	1/29/2016	MDHHS	Communications	5a	2, 3, 4	Provide training for staff, providers, and the community via webinar on water filters, cartridge replacement, water pitchers and blood lead level.	High-1	M	X	State	PEATF	G. Michael (TF Lead) Brian Kelly (EPA TF Lead) Christian Scheel (CDC JIC)	Waiting on State's Decision of needs on web content related to lead results.	2/10/16 - (ATSDR) - Worked with MDHHS on post-boil notice filter change protocol. 2/8/16 - (Matrix Rvw) - MI-DEPA working on filter and cartridge change fact sheet. Webinar need still being considered by the state. MDHHS to advise next step. (HM/TF) - Seeking clarification from Population Health in MDHHS; no guidance yet. 2/6/16-WQTF/PEATF(State Review)-State needs to clarify what is needed; possibly closed item 2/5/16-(CDC)-CDC believes can go green; need to verify with state
RESPONSE TASK FORCE COMPLETED / CLOSED														
3	1/29/2016	MDHHS	Data and Surveillance	-	3, 4	Technical assistance to develop a strategy for improving prevention, rapid detection and timely reporting of cases of Legionellosis in MI long-term.	High-1	M	X	State	HM/TF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED Cindy Whitney (CDC)		2/4/16-(State Health Review)-Mission completed - State and CDC concur 2/3/16-(State Health Review)-CDC team has met with Dr. McFadden in Lansing regarding the data needs - expected to be closed 2/4/16 1/31/16-CDC-To be addressed 2/1/16 with CDC team @MDHHS
4	1/29/2016	MDHHS	Data and Surveillance	-	2, 4	Technical assistance to support the development of guidance and tools to identify buildings that are deemed high risk for the transmission of pathogens such as Legionella.	High-1	M	X	State	HM/TF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED Cindy Whitney (CDC)		2/4/16-(State Health Review)-Mission completed - State and CDC concur 2/3/16-(State Health Review)-CDC team has met with Dr. McFadden in Lansing regarding the data needs - expected to be closed 2/4/16 1/31/16-CDC-To be addressed 2/1/16 with CDC team @MDHHS 1/29/16-(CDC-41)Actions Taken: Task is to augment resources to include healthcare
5	1/29/2016	MDHHS	Medical Services	-	4	Enhanced Medicaid Transportation Services: Funding to support non-emergency transportation vendor for the city. Could extend Logisticare and/or demo a MTA project through additional resources (possible waiver).	High-1	L	X	State	HM/TF	CMS, HRSA John Smart (TF Lead)	Update by State for situational awareness report on CMS decision / waiver	2/12/16 - (CHECC/State LNO follow-up) - MTA addressed ask, no further requirement; CLOSED. 2/11/16 - (MHTF) - Request move to the state as completed; no further action by the USG. 2/8/16 - (State CMS Director) Awaiting CMS decision on waiver for further action. 2/7/16-(CHECC/State LNO follow-up)-This is being sent to the SMEs for update. 2/3/16-Awaiting State CMS to provide insight on conversations between State CMS

13	1/29/2016	MDHHS	Data and Surveillance	2, 4	Technical assistance to evaluate the childhood lead poisoning prevention program (CLPPP) including examination of options for case definitions; methods to assess data trends such as the use of Shewart charts; and methods to view changes in blood lead data over time, including the ability to adjust for seasonal variation when needed.	High-2	L	X					HMTE	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	CDC/SRS (Buchanan)		2/5/16-(CDC)- <b>completed</b> per ATSDR; state concurred; Completed: Return to programmatic function - CDC LEAP (Lead Elimination Program; MI is already receiving grant 2/4/16-(State Health Review)-Training delayed until 2/10/16 per state request; (CDC)-coordinated workgroup 2/3/16-(CDC)-Discussions with MDHHS continue. (State Health Review)-clarification of request: discussions are continuing with Dr. Wells, Tom and Tim Becker re: CM piece identified - 2 persons coming to specifically to provide training 1/31/16-No planned CDC/ATSDR action as of 1/31/16 1/29/16-(20)
14	1/29/2016	MDHHS	Data and Surveillance	3, 4	Technical assistance/consider future CASPER for filling information needs. <b>Mobilize an EPI-Aid Team to support a comprehensive community health needs assessment.</b>	Medium-1	S	X					HMTE	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	CDC/ATSDR SRS (Buchanan)		2/3/16-(State Health Review)- <b>Completed.</b> For future action - <b>return to program.</b> MDHHS target is late summer 2016; MDHHS has staff to complete als there is a team at UM-Ann Arbor trained ; Dr. Wells is a CASPER instructor 1/31/16-No planned CDC/ATSDR action as of 1/31/16
16	1/29/2016	MDHHS	Data and Surveillance	2, 4	Technical assistance on the use of dried blood spots to examine lead. Planning assistance on assay validation/proficiency testing/staff competency.	Medium-2	L	X					HMTE	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	Robert L. Jones (CDC)		2/4/16-(State Health Review)- MDHHS state's <b>request closed</b> ; CDC/ATSDR concur 2/3/16-(State Health Review)-technical assistance is being provided reference the paper used with lead testing. (CHECC)-The state already has the ability to do this according to 'Sara Tomechko, the Director of the Division of Chemistry and Toxicology at the Bureau of Laboratories. This request should be able to be closed
21a	1/29/2016	MDHHS	Children's Services	21	o Healthcare providers, schools, and day care agencies.	Low-2	L	X					HMTE	ACF EPA, SAMHSA, HUD	John Smart (TF Lead)	Sustainability Plan / Exit Strategy	2/11/16 - (HMTE) - <b>issue CLOSED by Issue # 21 above.</b> 2/8/16 (Matrix Rvw) - Sustainability plan/exit strategy in development. 2/4/16-(CHECC)-see above
30	1/29/2016	MDHHS	Medical Services	2, 4	Assistance with CMS reimbursement for integrated mobile healthcare/community paramedic.	Low-1	L	X					HMTE	CMS, HRSA	John Smart (TF Lead)		2/7/16-CHECC/State LNO follow-up)-CHECC state mission is closed. This can be removed. They are no longer asking for this. <b>Completed</b> 2/3/16-(State Health Review)- <b>Funding issue</b> -Need clarification from MDHHS - sent to
31	1/29/2016	MDHHS	Medical Services	2, 4	Assistance in developing a comprehensive plan to accelerate lead testing among children 0-6 years of age. [at our meetings with the community and health plans, community health leaders stressed the need for developmental assessments and case management over testing]	Medium-2	S	X					HMTE	CMS, HRSA			2/3/16-(State Health Review)-CDC Flint Blood Lead Screening Statement <b>completed</b> 2/1/16-(CDC)-Completed final draft of the CDC Flint Blood Lead Screening Statement which is currently under review by OASH and OS/ASPR.
32	1/29/2016	MDHHS	Behavioral Health	2, 4	Support for continued expansion of local Psychological First Aid resources. <b>DUPLICATE REQUEST TO #2</b>	High-1	S	X					HMTE	SAMHSA ASPR, ABC, ACF, ACL			2/4/16-(State Review)-MHT providing service in theater. Determined to be a duplicate request to #2. State agreed to close this request out. <b>Completed.</b> 2/3/16-(PHST SitRep)-Providing BH support to GCHD and AmeriCorps personnel; providing PFA to volunteers; creating development of community BH Surveillance
39	1/29/2016	MDHHS	Communication s	2, 3, 4	Establish opportunities to gather feedback from the community, allow community to speak with experts/staff.	High-2	S	X					HMTE	CDC (for science) All (depending on population being addressed)	CDC JIC -(Scheel) will be reassigned if new requests generated		2/4/16-(State Health Review)- <b>This mission is completed per State; may generate new request to be forthcoming related to MARC or community activities. MDHHS to advise next steps.</b> 2/3/16-(State Health Review)-Mission completed through community engagement
40	1/29/2016	MDHHS	Communication s	2, 3, 4	Utilization of CDC experts in interviews with the media and in meeting with the public regarding legionella, lead, and bathing.	High-3	M	X					HMTE	CDC/ATSDR (for science) All (depending on population being addressed)	Christian Scheel (CDC JIC)		2/8/16 (HNTF) - Jen Eisner sent a list of questions to Christian that MDHHS could use assistance with in terms of Subject Matter Experts, or prepared statements relating to these questions. We are awaiting a response. 2/6/16-HNTF/State Review)-concur to be <b>completed</b> ; may request and revisit for assistance in future if necessary
41	1/29/2016	MDHHS	Communication s	2, 3, 4	Assistance in prioritizing and guiding a plan for secondary/tertiary prevention strategies for the Flint community, including with working local public health, subject matter experts, the academic community, and the Governor's multi-agency coordinating committee	High-3	M	X					HMTE	CDC/ATSDR (for science) All (depending on population being addressed)	Donna Knutson (CDC/ATSDR)		2/3/16 (State Health Review)- <b>Completed for federal assistance.</b> MDHHS has target date of March 15 for state PIO is collaborating with CDC/ATSDR staff 2/1/16-(CDC/ATSDR)-MDHHS considers this a long term and sustainability piece. No planned CDC/ATSDR action to date.
44	1/29/2016	MDHHS	Communication s	2, 3, 4	Health Educator assistance to provide appropriate and relevant materials on this issue. <b>Relates to #1. DUPLICATE REQUEST</b>	Medium-2	S	X					HMTE	CDC (for science) All (depending on population being addressed)	CDC/ATSDR SRS (Buchanan)		2/3/16-(State Health Review)-Relates to #1 and is in process- <b>completed</b> 2/1/16-(CDC/ATSDR)-PHST currently providing assistance to GCHD
45	1/29/2016	MDHHS	Communication s	2, 3, 4	Establish avenues for public interaction and information exchange beyond social media with capacity to surge during an incident.	Low-1	L	X					HMTE	CDC (for science) All (depending on population being addressed)	Donna Knutson (CDC/ATSDR)		2/1/16-(CDC/ATSDR)-MDHHS considers this a long term and sustainability piece. No planned CDC/ATSDR action to date. Task force <b>completed.</b>
46	1/29/2016	MDHHS	Community/ Provider Engagement	2, 3, 4	Assist with and advise for engagement of public and private organizations that represent the functional, cultural and socio-economic	High 1	S	X					HMTE				2/3/16-(State Health Review)- <b>Completed.</b> Request rolled into MARC function for long term.
48	1/29/2016	MDHHS	Community/ Provider Engagement	2, 3, 4	Statewide symposium to address issues with short and long term issues with lead poisoning in children.	High 3	S	X					HMTE	CDC	CDC/ATSDR SRS (Buchanan)		2/3/16-(State Health Review)- <b>Completed.</b> State planning has not yet begun. <b>Return to programmatic function.</b> MDHHS will request assistance when needed in future 2/1/16-(CDC)-MDHHS interested in statewide healthcare provider symposium likely fall 2016; revisit summer 2016. No planned CDC/ATSDR action to date.
51	1/29/2016	MDHHS	Community/ Provider Engagement	3, 4	Conduct Clinician Outreach and Communication Activity (COCA) webinars to increase outreach to healthcare providers.	Medium 3	S	X					HMTE	CDC/ATSDR	CDC/ATSDR SRS (Buchanan)		2/3/16-(State Health Review)- <b>Funding issue-Return to program.</b> MDHHS to advise if any further action needs to be taken. 2/1/16-(CDC/ATSDR)-CDC/ATSDR available to assist reaching a larger audience for COCA webinars. MDHHS to advise next steps.



11a		DEQ	Data and Surveillance	1a, 2, 3	1, 2	o Consultation on developing residential water sampling protocols; assessment of water sources and interpretation of results where elevated <b>copper</b> levels are detected.	High-1	L	X					WQTF	DEQ	Brian Kelly (EPA TF Lead) Candis Hunter (CDC/ATSDR)	DEQ sampling on-going in field; incidental copper data provided to DEQ by EPA.	2/11/16 - (Matrix Rvw) - EPA is providing DEQ information on copper in homes incidental to the samples collected for lead. No federal action on this task is expected. EPA recommended closure of this task; state DEQ and state EM LNO concurred with closure. Recommend closure of this task; no further support on copper health effects by CDC on fact sheet. <b>CLOSED.</b> 2/10/16 - (ATSDR) - Further work with EPA on copper health effects language for joint fact sheet.
42	1/29/2016	MDHHS	Communications	N/A	2, 3, 4	Identify an expert available to staff and providers to answer questions specific to lead in the water and products available to purify water. <b>COMBINED WITH #40</b>	High-4	S	X					WQTF	CDC (for science) All (depending on population being addressed)	CDC JIC (Scheel)		2/9/16 - (WQTF) - Sampling/analysis and interpretation of copper results is on-going 2/8/16 - (Matrix Rvw) - closed per state and combined with Task #40; duplicate request. <b>COMPLETED</b> 2/6/16-(WQTF/PEATF/State Review)-Moved to monitoring; remain in progress because needs may arise 2/5/16-(CDC)-experts identified; mission complete- validate with State Health LNO 2/3/16-(State Health Review)-believed to be complete; need MDHHS concurrence or 2/5/16-(NETF review/State Health Review)- <b>completed</b> -waiver denied; no further requests at this time. Technical assistance through WIC program provided via normal programmatic functions. State may submit another request - more to follow 1/30/16-(USDA SitRep)-The USDA denied Michigan Department of Education letter
33	1/29/2016	MDHHS	Nutrition		3, 4	Expand WIC for city of Flint children, to those 5-10 years of age.	High - 1	L	X					NETF	USDA-FNS Office Women's Health, ACF, TANF	Vista Fletcher (USDA) Sandra MacMartin		2/11/16 (DHHS email) - requirement closed, state reallocated resources to meet the needs of the ask. <b>CLOSED.</b> 2/8/16 (Matrix Rvw) - pending state SME decision. 2/5/16-(NETF/State Health Review)- believed to be complete; Request State LNO to determine if mission can be closed 1/28/16-(USDA)-"performing already" and FNS will be issuing the FY 2016 WIC Breastfeeding Peer Counseling funds by mid-March.
34	1/29/2016	MDHHS	Nutrition		3, 4	Lactation Support - Provide additional federal resources to the WIC program to augment WIC peer counseling and utilize existing staff in more dedicated lactation support role.	High-2	L	X					NETF	USDA-FNS Office Women's Health, ACF, TANF	Vista Fletcher (USDA) Sandra MacMartin		2/11/16 (DHHS email) - requirement closed, state reallocated resources to meet the needs of the ask. <b>CLOSED.</b> 2/8/16 (Matrix Rvw) - pending state SME decision. 2/5/16-(NETF/State Health Review)- believed to be complete; Request State LNO to determine if mission can be closed 1/28/16-(USDA)-"performing already" and FNS will be issuing the FY 2016 WIC Breastfeeding Peer Counseling funds by mid-March.
54	2/7/2016	GCHD	Nutrition	11	3,4	MDHHS requested that USDA-FNS authorize financial support to the Flint WIC clinics for the lead testing of WIC participants with appropriate Medicaid cost sharing. Approved letter to follow.		S	X					NETF	EDA (Economic Development Administration) USDA-FNS	Vista Fletcher (USDA) Sandra MacMartin		2/11/16 - (USDA Press Release 0037.16) - Approved. 2/10/16 - (NETF) - Approval memo was completed today by USDA. Requesting with the state that this issue is <b>COMPLETED/CLOSED</b> 2/8/16 (Matrix Rvw) - CHECC requested to wait to close this task until they get an official approval for Medicare cost sharing.
19	1/29/2016	MDHHS	Children's Services		3, 4	Discretionary emergency funds aside from our regular flex fund sources (CP/CP, SFSC, etc.) for the following items:	High-1	M	X				State	Recovery	ACF EPA, SAMHSA, HUD	Diana Hadzibegovic (TF Lead) Byron Mason	MI to decide if wants to use TANF funds	2/8/16 (HSTF) - ACF shared guidance with MDHHS on use of TANF non-recurrent, short-term benefits to help eligible families. Michigan has flexibility under the TANF program to offer a wider range of services or benefits in response to the situation in Flint. If Michigan does decide to offer new benefits or services not covered by its current TANF Plan, or decides to change the eligibility criteria for any benefits or services, it may do so by submitting a TANF Plan amendment. 2/5/16-(HSTF)- 02/05 - Met with Genesee County Community Action Resource
19a	1/29/2016	MDHHS	Children's Services		3, 4	o Gas card clients need to have access to resources and attend medical appointments for follow up specific to lead exposure	High-1	M	X				State	Recovery	ACF EPA, SAMHSA, HUD	Diana Hadzibegovic (TF Lead) Byron Mason	State to take action if desired	2/2/16-(HSTF)-ACF affirmed that the state can use Temporary Assistance for Needy Families (TANF) Non-Recurrent, Short Term funds to provide these services to respond to this emergency. State has been informed and can take action if desired.
19b	1/29/2016	MDHHS	Children's Services		3, 4	o Food cards-clients are using BRIDGE cards for water, leaving little left for food.	High-1	M	X				State	Recovery	ACF EPA, SAMHSA, HUD	Diana Hadzibegovic (TF Lead) Byron Mason	State to take action if desired	2/2/16-(OASH email)-ACF has shared guidance with the Michigan DHHS regarding using TANF non-recurrent, short-term benefits (45 CFR 260.31(b)(1)) to help eligible families deal with a specific crisis situation. These could include short-term (i.e., 4 months or less) payments or vouchers to low-income families with children for purchase of bottled water; and gas cards/bus passes for these families. Michigan has flexibility under the TANF program to offer a wider range of services or benefits in
19c	1/29/2016	MDHHS	Children's Services		3, 4	o Bus passes-same purpose/intent as above.	High-1	M	X				State	Recovery	ACF EPA, SAMHSA, HUD	Diana Hadzibegovic (TF Lead) Byron Mason	State to educate residents	2/3/16-(State Health Review)- State Health LNO believes this is educational issue for residents - BRIDGE cards are not needs for water (it's free) - crossover to ESF# 15 and education
20	1/29/2016	MDHHS	Children's Services		3, 4	Increase match temporarily with Title IV-E funds to support five additional staff for Child Welfare and Cash District offices to track, monitor and follow up with clients.	High-2	L	X					HSTF	ACF EPA, SAMHSA, HUD	Diana Hadzibegovic (TF Lead) Byron Mason	No further action required.	2/10/16 (MIDHHS) - Moved 4 full-time equivalents to Flint and will draw down allowable IV-E reimbursement. <b>COMPLETED.</b> 2/8/16 - (HTSF) - ACF advised HSTF that ACF does not have statutory authority to increase match funding. ACF has not received an official/formal request from the state on this issue. The State must submit an official request to ACF, if it wants an official response.
25	1/29/2016	MDHHS	Children's Services		3, 4	Grant a limited term administrative rate increase to primary Placement Agency Foster Care (PAFC) contracts.	Low-4	L	X				State	Recovery	ACF EPA, SAMHSA, HUD	Diana Hadzibegovic (TF Lead) Byron Mason	No further action required.	2/10/16 (MIDHHS) - Moved 4 full-time equivalents to Flint and will draw down allowable IV-E reimbursement. <b>COMPLETED.</b> 2/8/16 - (HTSF) - ACF advised HSTF that ACF does not have statutory authority to increase match funding. ACF has not received an official/formal request from the state on this issue. The State must submit an official request to ACF, if it wants an official response.
28-2	1/29/2016	MDHHS	Medical Services		3, 4	The State funded program "Healthy Homes" - currently at \$1.8m General Fund (GF), but this would allow Medicaid match for all GF. Abatement includes:	High-2	L	X				State	Recovery	CMS, HRSA	Diana Hadzibegovic (TF Lead) Byron Mason	State taking applications	2/8/16 - (Matrix Rvw) - HUD affirmed its existing "Healthy Home" funding to state grantees (e.g., Housing Commission) can be utilized by the county to support lead abatement in homes, including in water. <b>State is taking action to identify/enroll potential applicants (i.e., homes).</b> 2/4/16-(HSTF)-HUD has identified that existing "Healthy Home" funding can be
28-28	1/29/2016	MDHHS	Medical Services		3, 4	a. The removal of lead hazards, permanent enclosure or encapsulation of lead based paint, replacement of surfaces or fixtures, removal or covering of soil lead hazards, and all post-abatement clearance testing activities.	High-2	L	X					HSTF	CMS, HRSA	Diana Hadzibegovic (TF Lead) Byron Mason	State to work with HUD to file applications	2/3/16-(HSTF)-Existing HUD Office of Lead Hazard Control and Healthy Homes grant to MI targets \$325K to Healthy Homes. Per HUD, funds can be used for lead hazards in water in homes. Abatement of lead based paint also eligible for HUD funding. <b>Closed</b>

28-2b	1/29/2016	MDHHS	Medical Services	3, 4	b. DSHPs are health programs funded by the state, many of which provide safety-net health care services for low-income or uninsured individuals such as adult day care, outpatient substance abuse treatment or care for the mentally ill who are not eligible for Medicaid. CMS has approved DSHP for use in states (e.g. OR), although not for lead abatement.	High-2	L	X			State	Recovery	CMS, HRSA	Diana Hadzibegovic (TF Lead) Byron Mason	State grantee to apply	2/8/16 - (Matrix Rvw) - HRSA advised that Hamilton Community Health Network, to use existing funds to conduct workshops on (1) detecting behavioral health issues that may occur as a result of lead exposure; (2) healthy eating habits and educating participants about food with high levels of lead content; (3) and awareness of potential physical disabilities caused by lead exposure in children, HRSA advised that Genesee County Health Start, plans to hire an additional health educator to address community public health needs related to lead.
52	1/29/2016	MDHHS	Community/ Provider Engagement	3, 4	Assistance with recruitment and retention of pediatric health care professionals including behavioral health.	Medium 4	L	X			State	Recovery	HRSA	Diana Hadzibegovic (TF Lead) Byron Mason	State to work with state grantees to file applications	2/8/16 (Matrix Rvw) - HRSA grantees to submit application for supplemental funding; HSTF to provide state with list of eligible grantees. HRSA will provide guidance and support to its grantees on use of supplemental funding. HRSA can also provide subject matter expertise to the State via HRSA programs (e.g., National Health Service Corps) on how to recruit and retain physicians and nurses to an underserved area by offering loan forgiveness and other incentives.
56	2/9/2016	HSTF	Community/ Provider Engagement	25	*** NOT AN OFFICIAL OBJECTIVE from State's request. Instead this is an opportunity that the HSTF identified during its operations.		L	X			State	Recovery	HRSA	Diana Hadzibegovic (TF Lead) Byron Mason		2/4/16-(HSTF)-HRSA advised that it is exploring availability of one-time supplemental
State	1/26/2016	Genesee County	Technical Assistance	2, 4	Multi-Agency ResourceCenter (MARC): <b>State monitored project. Genesee County Health Department</b> to create sites in the community for "one stop shop" for human and social services. To include water distribution, filter distribution, education materials.	HIGH	S	X			State	State	OASH, ASPR	Mary Macqueen (MI-DHHS)		2/8/16 - (UCG) - <b>CLOSED</b> no further USG action. 2/5/16-(State Health Review)-MDHHS and State officials are determining next steps; no action at this time for USG assistance. MDHHS/ State EOC will provide next steps. 2/3/16-(State Health Review)-This is a state monitored project. County Health (GCHD) has the lead to establish MARC centers in the community. Request to federal govt is to provide some guidance on the development of these centers. This has been provided through the community engagement teams. Goal is to get volunteers to assist in supporting these centers.
43	1/29/2016	MDHHS	Communications	5a, 12a, 16a	2, 3, 4	Crisis communications response training for Department PIOs and leadership. 1:1 training - Barbara Reynolds to train state officials in Governor's Office and MI-DEQ.	High-5	S	X			PEATE	CDC/ATSDR (for science) All (depending on population being addressed)	John Smart (TF Lead) CDC JIC (Scheel)	Training is scheduled and will be completed by 18 Feb 16.	<b>TARGET END DATE: 18 Feb 16</b> 2/12/16 - (ATSDR) - provided state health department with CERC training materials. 2/11/16 - (Matrix Rvw) - State confirmed that trainings are scheduled and the task can be considered complete; <b>CLOSED</b> . 2/10/16 - (CHECC) Meetings on 12th 16th and 18th. 2/8/16 - (Matrix Rvw) - State JIC confirms February training dates; CHECC will only confirm closure after last training date scheduled for 16 Feb. (HMTF) - Lisa Briseno



**From:** Hadzibegovic, Diana (OS/ASPR/OEM)  
**Sent:** 14 Feb 2016 00:00:11 +0000  
**To:** El-Hinnawy, Patricia (FDA/ORO);Gwisdalla, David;Smart, John (OS/ASPR/OEM);Kelly, Brian;Mason, Byron (OS/ASPR/OEM);Fletcher, Vista (USDA);MacMartin, Sandra - FNS  
**Cc:** iohn.gibbons@hhs.gov;Levine, Cheryl (OS/ASPR/OPP);(b) (6) macqueenm@michigan.gov;Somers, Tarah;Pereira, Esmeralda (OS/ASPR/OEM);Scheel, Christian (CDC/ONDIEH/NCEH);(b) (6) michael.l.polsinelli@hud.gov (b) (6) Durno, Mark;Halbur, Kathy;Smith, Jason (DHHS);feighnerb@michigan.gov;Sheehan, Christopher (FDA/ORO)  
**Subject:** Re: Flint Water Crisis UGC Task Force Request Matrix Updates

No updates

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**From:** El-Hinnawy, Patricia <Patricia.ElHinnawy@fda.hhs.gov>  
**Sent:** Saturday, February 13, 2016 4:33:55 PM  
**To:** 'Gwisdalla, David'; Smart, John (OS/ASPR/OEM); Kelly, Brian; Mason, Byron (OS/ASPR/OEM); Hadzibegovic, Diana (OS/ASPR/OEM); Fletcher, Vista (USDA); MacMartin, Sandra - FNS  
**Cc:** Gibbons, John (OS/ASPR/OEM); Levine, Cheryl (OS/ASPR/OPP); (b) (6) macqueenm@michigan.gov; Somers, Tarah; Pereira, Esmeralda (OS/ASPR/OEM); Scheel, Christian (CDC/ONDIEH/NCEH); (b) (6) michael.l.polsinelli@hud.gov; (b) (6) Durno, Mark; Halbur, Kathy; Smith, Jason (DHHS); feighnerb@michigan.gov; Sheehan, Christopher (FDA/ORO)  
**Subject:** RE: Flint Water Crisis UGC Task Force Request Matrix Updates

PEATF: No updates.

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**From:** Gwisdalla, David [mailto:Gwisdalla.David@epa.gov]  
**Sent:** Saturday, February 13, 2016 4:17 PM  
**To:** Smart, John (OS); Kelly, Brian; Mason, Byron (OS); Hadzibegovic, Diana S (OS); Fletcher, Vista (USDA); MacMartin, Sandra - FNS; El-Hinnawy, Patricia  
**Cc:** Gibbons, John F (OS); Levine, Cheryl (OS); (b) (6) macqueenm@michigan.gov; Somers, Tarah; Pereira, Esmeralda (OS); Scheel, Christian H (CDC); (b) (6) michael.l.polsinelli@hud.gov; (b) (6) Durno, Mark; Halbur, Kathy; Smith, Jason (DHHS); feighnerb@michigan.gov; Sheehan, Christopher  
**Subject:** Flint Water Crisis UGC Task Force Request Matrix Updates

Flint Water Crisis UGC task force leads. I realize it is a quiet day and may be a quiet weekend in the request matrix world. Please keep your team's focus, where possible on closing out tasks. We would like to move tasks from either Federal or State action to completed/closed. Even though some issues are long-term please provide updates where possible when you reach milestones for an issue. Also remember to provide the issue number you are referring to with your input.

**If you don't have any updates simply respond "no updates."**

To reach me on my cell, call 303-462-9307. Have a good evening.

Regards, David.

David A. Gwisdalla, P.E., MSEE  
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**From:** Scheel, Christian (CDC/ONDIEH/NCEH)  
**Sent:** 14 Feb 2016 00:01:48 +0000  
**To:** Gwisdalla, David; Smart, John (OS/ASPR/OEM); Kelly, Brian; Mason, Byron (OS/ASPR/OEM); Hadzibegovic, Diana (OS/ASPR/OEM); Fletcher, Vista (USDA); MacMartin, Sandra - FNS; El-Hinnawy, Patricia (FDA/ORA)  
**Cc:** iohn.gibbons@hhs.gov; Levine, Cheryl (OS/ASPR/OPP); (b) (6) macqueenm@michigan.gov; Somers, Tarah; Pereira, Esmeralda (OS/ASPR/OEM); (b) (6) michael.l.polsinelli@hud.gov; (b) (6) Durno, Mark; Halbur, Kathy; Smith, Jason (DHHS); feighnerb@michigan.gov; Sheehan, Christopher (FDA/ORA)  
**Subject:** RE: Flint Water Crisis UGC Task Force Request Matrix Updates

No updates.

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**From:** Gwisdalla, David [mailto:Gwisdalla.David@epa.gov]  
**Sent:** Saturday, February 13, 2016 4:17 PM  
**To:** Smart, John (OS/ASPR/OEM) <John.Smart@hhs.gov>; Kelly, Brian <kelly.brian@epa.gov>; Mason, Byron (OS/ASPR/OEM) <Byron.Mason@hhs.gov>; Hadzibegovic, Diana (OS/ASPR/OEM) <Diana.Hadzibegovic@hhs.gov>; Fletcher, Vista (USDA) <vista.fletcher@fns.usda.gov>; MacMartin, Sandra - FNS <Sandra.MacMartin@fns.usda.gov>; El-Hinnawy, Patricia (FDA/ORA) <Patricia.ElHinnawy@fda.hhs.gov>  
**Cc:** Gibbons, John (OS/ASPR/OEM) <John.Gibbons@hhs.gov>; Levine, Cheryl (OS/ASPR/OPP) <Cheryl.Levine@hhs.gov>; (b) (6) macqueenm@michigan.gov; Somers, Tarah (EPA) (CDC epamail.epa.gov) <somers.tarah@epamail.epa.gov>; Pereira, Esmeralda (OS/ASPR/OEM) <esmeralda.pereira@hhs.gov>; Scheel, Christian (CDC/ONDIEH/NCEH) <bjn2@cdc.gov>; (b) (6) michael.l.polsinelli@hud.gov; (b) (6) Durno, Mark <durno.mark@epa.gov>; Halbur, Kathy <halbur.kathy@epa.gov>; Smith, Jason (DHHS) <SmithJ20@michigan.gov>; feighnerb@michigan.gov; Sheehan, Christopher (FDA/ORA) <Christopher.Sheehan@fda.hhs.gov>  
**Subject:** Flint Water Crisis UGC Task Force Request Matrix Updates

Flint Water Crisis UGC task force leads. I realize it is a quiet day and may be a quiet weekend in the request matrix world. Please keep your team's focus, where possible on closing out tasks. We would like to move tasks from either Federal or State action to completed/closed. Even though some issues are long-term please provide updates where possible when you reach milestones for an issue. Also remember to provide the issue number you are referring to with your input.

**If you don't have any updates simply respond "no updates."**

To reach me on my cell, call 303-462-9307. Have a good evening.

Regards, David.

David A. Gwisdalla, P.E., MSEE  
Commander, U.S. Public Health Service  
PHS Commissioned Corps Officer Detailed to EPA

Environmental Engineer

National Enforcement Investigations Center  
U.S. Environmental Protection Agency

office 303.462.9307

fax 303.462.9283

[gwisdalla.david@epa.gov](mailto:gwisdalla.david@epa.gov)

Mailing Address:

EPA National Enforcement Investigations Center

Denver Federal Center

P.O. Box 25227, Bldg 25, Rm 2A-305

Lakewood, Colorado 80225



**From:** Feighner, Bryce (DEQ)  
**Sent:** 14 Feb 2016 00:04:19 +0000  
**To:** Gwisdalla, David; Smart, John (OS/ASPR/OEM); Kelly, Brian; Mason, Byron (OS/ASPR/OEM); Hadzibegovic, Diana (OS/ASPR/OEM); Fletcher, Vista (USDA); MacMartin, Sandra - FNS; patricia.el-hinnawy@oci.fda.gov  
**Cc:** john.gibbons@hhs.gov; Levine, Cheryl (OS/ASPR/OPP); (b) (6) Macqueen, Mary (DHHS); Somers, Tarah; Pereira, Esmeralda (OS/ASPR/OEM); Christian Scheel (bjn2@cdc.gov); (b) (6) michael.l.polsinelli@hud.gov; (b) (6) Durno, Mark; Halbur, Kathy; Smith, Jason (DHHS); Sheehan, Christopher (FDA/ORA)  
**Subject:** RE: Flint Water Crisis UGC Task Force Request Matrix Updates

No updates.

---

**From:** Gwisdalla, David [mailto:Gwisdalla.David@epa.gov]  
**Sent:** Saturday, February 13, 2016 4:17 PM  
**To:** Smart, John (OS/ASPR/OEM); Kelly, Brian; Mason, Byron (OS/ASPR/OEM); Hadzibegovic, Diana (OS/ASPR/OEM); Fletcher, Vista (USDA); MacMartin, Sandra - FNS; patricia.el-hinnawy@oci.fda.gov  
**Cc:** john.gibbons@hhs.gov; Levine, Cheryl (OS/ASPR/OPP); (b) (6) Macqueen, Mary (DHHS); Somers, Tarah; Pereira, Esmeralda (OS/ASPR/OEM); Christian Scheel (bjn2@cdc.gov); (b) (6) michael.l.polsinelli@hud.gov; (b) (6) Durno, Mark; Halbur, Kathy; Smith, Jason (DHHS); Feighner, Bryce (DEQ); Sheehan, Christopher (FDA/ORA)  
**Subject:** Flint Water Crisis UGC Task Force Request Matrix Updates

Flint Water Crisis UGC task force leads. I realize it is a quiet day and may be a quiet weekend in the request matrix world. Please keep your team's focus, where possible on closing out tasks. We would like to move tasks from either Federal or State action to completed/closed. Even though some issues are long-term please provide updates where possible when you reach milestones for an issue. Also remember to provide the issue number you are referring to with your input.

**If you don't have any updates simply respond "no updates."**

To reach me on my cell, call 303-462-9307. Have a good evening.

Regards, David.

David A. Gwisdalla, P.E., MSEE  
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office 303.462.9307  
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[gwisdalla.david@epa.gov](mailto:gwisdalla.david@epa.gov)

Mailing Address:  
EPA National Enforcement Investigations Center

Denver Federal Center  
P.O. Box 25227, Bldg 25, Rm 2A-305  
Lakewood, Colorado 80225

**From:** Wigington, Pamela S. (CDC/ONDIEH/NCEH)  
**Sent:** 11 Feb 2016 19:35:52 +0000  
**To:** McBreairty, Susan J. (ATSDR/OCOM)  
**Cc:** CDC IMS JIC Lead -3; Jones, Nadonna (CDC/ONDIEH/NCEH); Scheel, Christian (CDC/ONDIEH/NCEH); Cope, Cristina (ATSDR/OCOM/HCT); Alvey, Robert (CDC/OPHPR/DEO); Briseno, Lisa (CDC/OPHPR/DEO); Waters, Kellee L. (CDC/OPHPR/DEO)  
**Subject:** RE: Talking points for Saturday

Hi, Susan,  
Here you go.

Question	Response/Referral
1. Is it safe for adults to shower or bathe with Flint water?	(b)(5)
2. Can babies be bathed in tap water?	
3. What are normal levels of chlorine?	
4. Are you testing for just lead, or other elements as well?	
5. Is this lead issue going to continue until all pipes are replaced?	
6. Washing dishes and doing laundry with unfiltered water. Is it safe?	
7. Rashes, dermatitis and other skin issues after bathing with tap water.	
8. My clothes are itchy, is this the result of washing them with contaminated water?	

9. Do showers need filters?	(b)(5)
10. Lack of information from the media.	
11. What happened at the water treatment plant	
12. Why are you using ortho-phosphate instead of replacing the pipes?	
13. Does contaminated water cause skin cancer?	
14. Is the contaminated water going to destroy my vital organs?	
15. Does the contaminated water dry out your skin and scalp?	
16. No one, including the media, water plant chemist, city or state in the beginning are we suppose to be thankful now because you're here?	
17. The pipes have been disenigrating for years, the water problem has been here for a long time once you leave it will be the same thing, how are you going to make sure the city is doing the right thing?	
18. Is EPA going to start providing filters for the showers?	
19. Why are we still getting water bills from the city?	
20. When will the water be safe to drink?	
21. How do you pick which resident house you sample?	
22. Are the old cartridges recyable?	
23. Who can tell me what type of pipes are in my	



home?	(b)(5)
24. Virginia Tech need to let us know if EPA will be following up with us on the samples they took.	
25. Will lead be in the soil from watering the grass last year?	
26. Many residents in Flint can fruit and vegetables they grow in their yards, then they sell the merchandise to neighbors, at farmers markets, they give them away as gifts etc... should we stop?	
27. Pitcher filters come with a TDS "tester". Does it measure lead? Why does the tester light up when it's used with tap and even bottled water.	
28. Does contaminated water cause infertility?	
29. Is there any type of information available regarding if you are having a baby and have been drinking this water all this time, that they will give free services to your child if your child have a lot of health problems?	
30. Virginia Tech has already been here, and are the only people we trust. Why are you here?	

**Pam Wigington**

Associate Director for Communication || Division of Emergency and Environmental Health Services (DEEHS) || CDC/National Center for Environmental Health

Office: 770-488-4599 || Email: [piw4@cdc.gov](mailto:piw4@cdc.gov) || Cell: 404-717-2069

**I telework on Tuesdays, Thursdays, and alternate Fridays. Today I am teleworking until 2:30 p.m. \*\*Call my office # to reach me\*\***

**From:** McBreairty, Susan J. (ATSDR/OCOM)

**Sent:** Thursday, February 11, 2016 8:11 AM

**To:** Wigington, Pamela S. (CDC/ONDIEH/NCEH) ; Cope, Cristina (ATSDR/OCOM/HCT)

**Cc:** CDC IMS JIC Lead -3 ; Jones, Nadonna (CDC/ONDIEH/NCEH) ; Scheel, Christian (CDC/ONDIEH/NCEH) ; Alvey, Robert (CDC/OPHPR/DEO) ; Briseno, Lisa (CDC/OPHPR/DEO) ; Waters, Kellee L. (CDC/OPHPR/DEO)

**Subject:** FW: Talking points for Saturday

Hi Pam, am checking in to see if your shop has worked on FAQs; particularly the list in the email trail below. If not, do you know who we can follow up with?

Looking for input by COB today. Thanks for your help. - Susan

JIC Leadership - 2016 Flint Water Response

Centers for Disease Control and Prevention

Agency for Toxic Substances and Disease Registry

CDC/ATSDR Joint Information Center

[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)

**From:** CDC IMS JIC Lead -3

**Sent:** Thursday, February 11, 2016 7:22:15 AM (UTC-05:00) Eastern Time (US & Canada)

**To:** Briseno, Lisa (CDC/OPHPR/DEO)

**Cc:** Scheel, Christian (CDC/ONDIEH/NCEH); CDC IMS JIC Admin

**Subject:** RE: Talking points for Saturday

Thanks. Is there anyone who is cross-checking these questions against cleared answers?

Bob Alvey

JIC Leadership - 2016 Flint MI Response

Centers for Disease Control and Prevention

Agency for Toxic Substances and Disease Registry

CDC/ATSDR Joint Information Center

[cocjiclead3@cdc.gov](mailto:cocjiclead3@cdc.gov)

---

**From:** Cassell, Peter

**Sent:** Sunday, February 07, 2016 11:56:35 AM (UTC-05:00) Eastern Time (US & Canada)

**To:** Michael, Gretchen (OS/ASPR/COO); Jacqueline Chandler; [kesha.waites@fema.dhs.gov](mailto:kesha.waites@fema.dhs.gov);

(b)(6) CDC IMS JIC Lead -3

**Cc:** Russell, Diane; Kelley, Jeff; Grantham, Nancy; Abrams, Dan; Lee, Monica; Nowotarski, Allison

**Subject:** Fw: FAQ

Hey all -

Our community involvement group has put together a list of questions from residents they have been speaking to as we have been here in Flint. Please pass this along to anyone else in the UCG looking to understand the "pulse" of the community.

Thanks!

Pete Cassell

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#### Frequently Asked Questions

- \* Is it safe for adults to shower or bathe with Flint water?
- \* Can babies be bathed in tap water?
- \* What are normal levels of chlorine?
- \* Are you testing for just lead, or other elements as well?
- \* Is this lead issue going to continue until all pipes are replaced?
- \* Washing dishes and doing laundry with unfiltered water. Is it safe?
- \* Rashes, dermatitis and other skin issues after bathing with tap water.
- \* My clothes are itchy, is this the result of washing them with contaminated water?
- \* Do showers need filters?
- \* Lack of information from the media.
- \* What happened at the water treatment plant
- \* Why are you using ortho-phosphate instead of replacing the pipes?
- \* Does contaminated water cause skin cancer?
- \* Is the contaminated water going to destroy my vital organs?
- \* Does the contaminated water dry out your skin and scalp?
- \* No one, including the media, water plant chemist, city or state in the beginning are we suppose to be thankful now because you're here?
- \* The pipes have been disenigrating for years, the water problem has been here for a long time once you leave it will be the same thing, how are you going to make sure the city is doing the right thing?
- \* Is EPA going to start providing filters for the showers?
- \* Why are we still getting water bills from the city?
- \* When will the water be safe to drink?
- \* How do you pick which resident house you sample?

- \* Are the old cartridges recyable?
- \* Who can tell me what type of pipes are in my home?
- \* Virginia Tech need to let us know if EPA will be following up with us on the samples they took.
- \* Will lead be in the soil from watering the grass last year?
- \* Many residents in Flint can fruit and vegetables they grow in their yards, then they sell the merchandise to neighbors, at farmers markets, they give them away as gifts etc... should we stop?
- \* Pitcher filters come with a TDS "tester". Does it measure lead? Why does the tester light up when it's used with tap and even bottled water.
- \* Does contaminated water cause infertility?
- \* Is there any type of information available regarding if you are having a baby and have been drinking this water all this time, that they will give free services to your child if your child have a lot of health problems?
- \* Virginia Tech has already been here, and are the only people we trust. Why are you here?

**From:** Waters, Kellee L. (CDC/OPHPR/DEO)  
**Sent:** 15 Feb 2016 19:09:23 +0000  
**To:** CDC IMS JIC Lead -3; Somers, Tarah  
**Cc:** CDC IMS Flint MI Chief of Staff; CDC IMS Flint MI Incident Manager  
**Subject:** For Response and FYI: Community Questions  
**Attachments:** Draft FAQs for Flint Residents about their Drinking Water 2.13.16.docx

FYI.

Attached is the draft doc EPA is compiling to answer Flint-specific concerns. Again, they are consulting CDC on all public health-related items.

Per the below, please let me know when we have response prepared for the outstanding questions at the end of the document.

Thanks,  
Kellee

---

**From:** Bassler, Rachel [mailto:Bassler.Rachel@epa.gov]  
**Sent:** Monday, February 15, 2016 1:00 PM  
**To:** Waters, Kellee L. (CDC/OPHPR/DEO) <kuw7@cdc.gov>  
**Subject:** FAQ's

Hi Kellee,

Attached is the FAQ document EPA is compiling for our community involvement coordinators to bring in the field and respond to resident questions. We are also planning to put these on the Web. When our EPA folks are in the field, they are asked questions where CDC, HUD, USDA, etc. are the leads. These FAQs are intended to help get residents answers to their questions while our EPA folks are in the room. And will help keep consistent messaging throughout our federal and state efforts.

I believe this was already shared with your office by my EPA counterpart and I know CDC has started to draft responses, if you could get these back to me as soon as you can (or as the Q&As are approved), it would be greatly appreciated. Even if it's one-by-one, we can start to get those responses out in the field.

Thanks,  
Rachel

Rachel Bassler  
EPA Region 4  
[bassler.rachel@epa.gov](mailto:bassler.rachel@epa.gov)  
o: 312-886-7159  
c: 312-914-3393



## **Draft FAQs for Flint Residents about their Drinking Water**

### *Questions with Drafted Answers:*

**Q 1. If I sell canned fruits and vegetables or other food items from my home, are there special precautions that I need to take? [USDA](#)**

A 1. Flint residents should use only filtered water for preparing food. Pregnant women, nursing mothers, children under 6, and especially babies under 1, should only consume or prepare food or formula with bottled water to keep safe from lead and copper exposure.

**Q 2. We've been getting information on how to use water safely from many different organizations, and sometimes that information is conflicting. Who should we listen to? [EPA](#)**

A 2. EPA is coordinating with the city, state, and other federal agencies to respond to all of the issues with Flint's water. Residents should always use a water filter and be sure to get their water tested to find out the best information about their water.

**Q 3. No one, including the media, city or state in the beginning were helping. Are we supposed to be thankful now because you're here? [EPA](#)**

A 3. (Same response as A 2) EPA is coordinating with the city, state, and other federal agencies to respond to all of the issues with Flint's water. Residents should always use a water filter and be sure to get their water tested to find out the best information about their water.

**Q 4. What is being done to make sure everyone is getting the information and resources including minority, immigrant, and other at-risk communities? [EPA](#)**

A 4. Many partners in the response are going to community meetings, speaking to the media, and distributing information as they sample water and where you may pick up a filter or bottled water. EPA also provides translation options on our toll-free number for residents and has community involvement coordinators. EPA contact information for residents: [flintwater@epa.gov](mailto:flintwater@epa.gov), 810-434-5122

**Q 5. Will EPA change any of its policies based on what happened in Flint? [EPA](#)**

A 5. EPA is actively considering potential revisions to the rule. The primary goal is to improve the effectiveness of the rule in reducing exposure to lead and copper from drinking water.

**Q 6. Should shower filters be used? Will those be provided? [EPA/State](#)**

A 6. Current data suggests that it is safe to shower. Children under 6 should not drink the water from the shower. Parents should pay special attention to their children when bathing.

**Q 7. The filters being handed out by the city are only rated to filter out 150 ppb or lower of lead. Many have lead results higher than that. Does that mean the filters are not working? [EPA](#)**

A 7. The lead-removal filters being distributed in Flint are NSF-certified and EPA is confident in their effectiveness. However, out of an abundance of caution, EPA is sampling drinking water with and

without filters in households with known high concentrations of lead, to make sure the filters are performing as expected. Results of this sampling will be shared with the residents of the homes sampled first, then posted online without any PII as soon as they are available. You can have your water tested using the free, water testing kit or request EPA come and sample.

**Q 8. Will whole house filters or reverse-osmosis filters be offered to residents? [EPA](#)**

A 8. Residents should use any NSF-certified filter.

**Q 9. Can unfiltered water cause other health issues like cancer or psoriasis? Can it damage internal organs? Can it cause dry skin/scalp? [CDC](#)**

A 9. EPA and other federal agencies are looking into the rashes being reported around the city. There is no data currently to suggest that the water is causing other health problems.

**Q 10. Are there any additional steps pregnant or nursing mothers should take to stay safe? [CDC? And Nutritional Task Force.](#)**

A 10. Yes. Pregnant and nursing mothers, as well as children under six, should only consume bottled water.

**Q 11. What other chemicals are being tested in the water? I've heard there is more that we need to be concerned with than lead. [EPA](#)**

A 11. EPA samples are being collected for lead and 14 other metals. Residents that have gotten their water sampled will get a full report of these results. (\*Contaminants of concern...)

**Q 12. Are the old filter cartridges recyclable? Where can we recycle them? [State](#)**

A 12. Yes. The State of Michigan recommends residents bring their used cartridges to the water resource and filter sites to get replacements.

**Q 13. How can we recycle used water bottles? [State](#)**

A 13. Empty water bottles can be taken to any of the recycling stations that have been set up around the city. [LINK TO STATE WEB PAGE](#)

**Q 14. Do the testers that come with pitcher filters test for lead (TDS meters)? [State](#)**

A 14. Total Dissolved Solid (TDS) meters or test strips will not give you an accurate test of everything in your water. The safest choice is to get your water tested. Call 2-1-1 or visit [www.epa.gov/flint](http://www.epa.gov/flint) to find out where to get your water tested.

**Q 15. How does EPA decide what houses they want to sample? [EPA](#)**

A 15. EPA is working with the state and city on homes with high levels of lead in unfiltered water. In addition, EPA is also sampling homes that have requested additional sampling. \*there may be others



**Q 16. What is EPA doing to make sure the city and state are managing the water system properly?** [EPA](#)

A 16. On January 16, 2016, President Obama signed an emergency declaration ordering federal assistance to support state and local response efforts in Flint, Michigan. As part of an interagency effort being led by the U.S. Department of Health and Human Services (HHS), EPA has deployed a response team to Flint to conduct sampling and analysis that will help state and local leaders identify the scope of contamination and design and execute a plan for mitigation.

**Q 17. How long will it take to get my results once EPA samples my water?** [EPA](#)

A 17. EPA will notify residents of their preliminary sampling results before posting it to the interactive maps. (\*can we give a time frame?)

**Q 18. When will preliminary sampling data be finalized?** [EPA](#)

A 18. Initial sampling data will be posted to the maps after the resident has been notified. (\*Time estimate for validation?)

**Q 19. How long will EPA's response team be sampling the water in Flint?** [EPA](#)

A 19. EPA will be here as long as it takes to make sure that the water is safe to drink.

**Q 20. Is this lead issue going to continue until all pipes are replaced?** [EPA](#)

A 20. EPA is testing the water to ensure that the film created by the additional corrosion control treatment is working to prevent lead from getting in your water. (\*What about long-term efforts as well?)

**Q 21. When will the water be safe to drink?** [EPA](#)

A 21. EPA will make a determination when all of the data is available.

**Q 22. Who can tell me what type of pipes are in my home?** [EPA/State](#)

A 22. EPA is working with the state, city and residents to understand the pipes and fixtures in the houses that are being sampled in order to provide residents with the best health information.

**Q 23. Do you support the idea of replacing the pipes at some point in the future?** [EPA](#)

A 23. Yes. It's encouraging that Flint is looking toward these long-term measures. And we stand ready to support the city and bring our expertise to the table to help ensure this is done correctly. We encourage the Flint and other communities who are thinking of embarking on this path to reach out to those who have done this work previously to share lessons learned and to fully understand the challenges they have encountered. Right now, EPA remains focused on getting the Flint's corrosion control in place – that's the first and most important step to getting the city's drinking water back on track. (\* May be better to not include this one...)

**Q 24. Can you explain the risk or hazards in removing the pipes at this point?** [EPA/State](#)

A 24. Risks can vary based on many factors— including where and how pipes are installed, where the lead components are, and how much lead could be released in the form of sediment or lead scaling when pipes are disturbed. It is important to analyze and weigh these risks, and to make sure that replacement efforts can be done in ways that minimize those risks, before embarking on this path.

**Q 25. What about other sources of lead? [EPA/State?](#)**

A 25. EPA is concerned with other sources of lead exposure, but the federal response is specifically dealing with lead in the drinking water.

**Q 26. Does everyone with lead plumbing need to replace lead service lines? [EPA/State](#)**

A 26. Removing lead service lines and replacing them with lead-free plumbing components is not required, but is one option to help reduce exposure to lead in drinking water.

**Q 27. Are the control corrosion treatment steps being taken in Flint actually working? [EPA/State/City?](#)**

A 27. Initial data is showing that the corrosion control treatment is working.

**Q 28. Will Boiling water reduce the amount of lead? [State](#)**

A 28. No. Residents should only boil filtered water.

**Q 29. Can my pets drink the water? [State](#)**

A 29. [Use](#) filtered tap water for your family pets' water bowls. You can use un-filtered tap water to bathe your pets.

**Q 30. Is it safe for adults to shower or bathe with Flint water? Can babies be bathed in tap water? Do showers need filters? [CDC](#)**

A 30. Human skin does not absorb lead in water. If unfiltered tap water contains lead over EPA's action level, bathing and showering should be safe for children and adults even if the skin has minor cuts or scrapes. Children should not drink or rinse their mouths with bath or shower water. (From [CDC Lead Poisoning Prevention](#) and EPA Lead in water resources.)

**Q 31. Washing dishes and doing laundry with unfiltered water. Is it safe? [CDC](#)**

A 31. Lead in water will not leach into porcelain or glass. If lead leaches into some types of fabrics it still will not be absorbed by human skin

*Questions that need answers:*

Q. What is a safe level of Chlorine in water? [EPA](#)

Q. Will lead be in the soil from watering the grass last year? [State?](#)



Q. Is the contaminated water going to destroy my vital organs? [CDC](#)

Q. Does the contaminated water cause infertility? [CDC/State](#)

Q. Why are we still getting water bills from the city? [Water Authority](#)

Q. How do you pick which resident house you sample? [EPA/State](#)

**From:** Kelley, Jeff  
**Sent:** 16 Feb 2016 00:30:55 +0000  
**To:** Somers, Tarah S. (ATSDR/DCHI/EB)  
**Subject:** Fwd: Re: Tv5 inquiry

Meant to CC on this message...

---

Jeff Kelley  
Director, Office of External Communications  
U.S. EPA Region 5  
ph: [312-353-1159](tel:312-353-1159)

----- Forwarded message -----

From: "**Kelley, Jeff**" <[kelley.jeff@epa.gov](mailto:kelley.jeff@epa.gov)>  
Date: Mon, Feb 15, 2016 at 4:29 PM -0800  
Subject: Fwd: Re: Tv5 inquiry  
To: "Kelly Waters" <[KuW7@cdc.gov](mailto:KuW7@cdc.gov)>  
Cc: "Bassler, Rachel" <[Bassler.Rachel@epa.gov](mailto:Bassler.Rachel@epa.gov)>, "summers.tarah@epa.gov" <[summers.tarah@epa.gov](mailto:summers.tarah@epa.gov)>, "Pearson-Clarke, Rosemary P. (CDC/ONDIEH/NCEH) (CTR)" <[ygs1@cdc.gov](mailto:ygs1@cdc.gov)>

See below for media inquiry re blood lead levels. Reporter also showed up at EPA command post ... I explained his questions would be better answered by CDC and I would pass his contact information along to you.

---

Jeff Kelley  
Director, Office of External Communications  
U.S. EPA Region 5  
ph: [312-353-1159](tel:312-353-1159)

---

From: Lee, Monica <[lee.monica@epa.gov](mailto:lee.monica@epa.gov)>  
Sent: Monday, February 15, 2016 7:24 PM  
Subject: Re: Tv5 inquiry  
To: Andrew Keller <[andrew.keller@wnem.com](mailto:andrew.keller@wnem.com)>  
Cc: Kelley, Jeff <[kelley.jeff@epa.gov](mailto:kelley.jeff@epa.gov)>

Adding my colleague Jeff whom I believe you were in contact with earlier today. This is an issue for CDC.

Monica Lee

[\(202\) 713-6902](tel:(202)713-6902)

> On Feb 15, 2016, at 7:02 PM, Andrew Keller <[Andrew.Keller@wnem.com](mailto:Andrew.Keller@wnem.com)> wrote:

>

> Talked to a guy who says he has the highest blood levels. I would love to get an expert to discuss adult lead exposure and its effects. Doesn't necessarily have to be versed in this particular man's case, just someone who can talk about it generically.

>

> Deadline is tonight for this story. If you could help, thatd be great.

>

> Thanks

>

> Andrew Keller

> Wnem TV5 reporter

> [\(989\)395-0419](tel:(989)395-0419)

>

> Sent from my Android phone using TouchDown ([www.nitrodesk.com](http://www.nitrodesk.com)) This electronic message, including any attachments, may contain proprietary, confidential or privileged information for the sole use of the intended recipient(s). You are hereby notified that any unauthorized disclosure, copying, distribution, or use of this message is prohibited. If you have received this message in error, please immediately notify the sender by reply e-mail and delete it.

**From:** Waters, Kellee L. (CDC/OPHPR/DEO)  
**Sent:** 16 Feb 2016 00:33:30 +0000  
**To:** Wolfe, Herbert (CDC/ONDIEH/NCEH); CDC IMS JIC Lead -3; Somers, Tarah  
**Subject:** Media Deadline Tonight: Tv5 inquiry  
**Importance:** High

I don't have a print time, but the story will run tonight.

Sent from my BlackBerry 10 smartphone.

**From:** Kelley, Jeff <kelley.jeff@epa.gov>  
**Sent:** Monday, February 15, 2016 7:29 PM  
**To:** Waters, Kellee L. (CDC/OPHPR/DEO)  
**Cc:** Bassler, Rachel; summers.tarah@epa.gov; Pearson-Clarke, Rosemary P. (CDC/ONDIEH/NCEH) (CTR)  
**Subject:** Fwd: Re: Tv5 inquiry

See below for media inquiry re blood lead levels. Reporter also showed up at EPA command post ... I explained his questions would be better answered by CDC and I would pass his contact information along to you.

---

Jeff Kelley  
Director, Office of External Communications  
U.S. EPA Region 5  
ph: [312-353-1159](tel:312-353-1159)

---

From: Lee, Monica <[lee.monica@epa.gov](mailto:lee.monica@epa.gov)>  
Sent: Monday, February 15, 2016 7:24 PM  
Subject: Re: Tv5 inquiry  
To: Andrew Keller <[andrew.keller@wnem.com](mailto:andrew.keller@wnem.com)>  
Cc: Kelley, Jeff <[kelley.jeff@epa.gov](mailto:kelley.jeff@epa.gov)>

Adding my colleague Jeff whom I believe you were in contact with earlier today. This is an issue for CDC.

Monica Lee  
[\(202\) 713-6902](tel:202-713-6902)

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> Wnem TV5 reporter

> [\(989\)395-0419](tel:(989)395-0419)

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**From:** Wolfe, Herbert (CDC/ONDIEH/NCEH)  
**Sent:** 16 Feb 2016 00:54:49 +0000  
**To:** Waters, Kellee L. (CDC/OPHPR/DEO); CDC IMS JIC Lead -3; Somers, Tarah; Breyse, Patrick N. (CDC/ONDIEH/NCEH)  
**Cc:** CDC IMS Flint MI Chief of Staff; CDC IMS Flint MI Incident Manager Deputy  
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**From:** Gwisdalla, David  
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**To:** Elgethun, Kai (ATSDR/DCHI/WB); Pearson-Clarke, Rosemary P. (CDC/ONDIEH/NCEH) (CTR); Wolfe, Herbert (CDC/ONDIEH/NCEH); Funk, Renee (CDC/NIOSH/OD); Cibulas, William (ATSDR/OA/OD); Bowman, Thomas (OS/ASPR/OEM); Smith, Jason (DHHS;michael.l.polsinelli@hud.gov; Bassler, Rachel; Durno, Mark; Michael, Gretchen (OS/ASPR/COO); Odom, Janet (OS/ASPR/OEM); Kuzerah@mi.gov; Stankewicz, Todd (OS/ASPR/OEM); IRCT1.FUSN (HHS/ASPR); Linda Scott; Dr. Jacqueline Scott; Mason, Byron (OS/ASPR/OEM); Hadzibegovic, Diana (OS/ASPR/OEM); feighnerb@michigan.gov; tim.english@fns.usda.gov; Lam, Shelly; john.gibbons@hhs.gov; Voirin, Anthony (OS/ASPR/OEM); warren.riley@fema.dhs.gov; donald.mobley@fema.dhs.gov; Hurwitz, Nathan (OS/ASPR/OEM); russom3@michigan.gov; Fletcher, Vista (USDA); macqueenm@michigan.gov; Pereira, Esmeralda (OS/ASPR/OEM); MacMartin, Sandra - FNS; Kuzerah@mi.gov; robert.gaskill-clemons@redcross.org; Levine, Cheryl (OS/ASPR/OPP); (b) (6) fusion@hhs.gov; IRCT1.OPS@hhs.gov; IRCT1.OPS2@HHS.gov; Hurwitz, Nathan (OS/ASPR/OEM); hlb8@cdc.gov; Smart, John (OS/ASPR/OEM); john.gibbons@hhs.gov; Bowman, Thomas (OS/ASPR/OEM); Smith, Jason (DHHS); Somers, Tarah; Halbur, Kathy; (b) (6) Rachel.kaul@hhs.gov  
**Cc:** IRCT1.CMO@HHS.GOV  
**Subject:** RE: MDHHS Request Matrix  
**Attachments:** 16Feb16\_FINAL\_MASTER\_UNIFED REQUEST LIST\_Flint MI\_UCG.pdf

ALCON

Attached is the MDHHS Request Matrix for 16 Feb 16. This is the latest version based on the discussions with task force leads and state review. Please review and if you have any questions please let the information management group know.

**REMOVE AND DESTROY ALL OTHER COPIES –**

To reach me on my cell, call 303-462-9307.

Regards, David.

David A. Gwisdalla, P.E., MSEE  
Commander, U.S. Public Health Service  
PHS Commissioned Corps Officer Detailed to EPA

Environmental Engineer  
National Enforcement Investigations Center  
U.S. Environmental Protection Agency

office 303.462.9307  
fax 303.462.9283  
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Mailing Address:  
EPA National Enforcement Investigations Center

Denver Federal Center  
P.O. Box 25227, Bldg 25, Rm 2A-305  
Lakewood, Colorado 80225

# 2016 Flint Water Response MDHHS Request List Action Tracker

Matrix Legend			Expected request duration		Task Closure Statistics		
Task Force (TF) Legend			State Priorities: High- Medium-Low		Agency/Closed	# Tasks	% of Total
			S = short-term (0 - 3 months)		Federal	16	22%
			M = mid-term (4 months- 1 year)		State	17	23%
			L = long-term (1 year and beyond)		Completed/Closed	41	55%
			USG Objectives		TOTAL 74		
			1 Provide immediate access to safe water				
			2 Ensure the safety of and public confidence in the water supply				
			3 Understand and address immediate health needs from potential lead exposure				
			4 Mitigate other impacts of the water contamination crisis on the residents of Flint				

As of: 2/16/2016 1830 hrs

Issue #	Asset Requester	Commodity	UCG IAP Operational Period #10 Objective #	USG Objectives (Legend below)	Request Summary Provided / Vetted by State	State Priority (Identified as High - Medium-Low then ranked in order to be done)	Expected request duration	Complete	Ongoing	Proposed	Requires State / Federal Action	Primary Task Force Assigned	Federal Agency Lead or HHS OpDiv/Staff Div	Federal POC	Required Action	Task Status/Update/Notes Comments
<b>RESPONSE TASK FORCE ACTIVE / IN-PROGRESS</b>																
<b>Federal Action Needed</b>																
1	Genesee County Health Department (GCHD)	Human Resources	22a	2, 4	Requests for individuals to provide immediate short term assistance for the GCHD (duration 14-30 days) Technical Assistance: Sanitarian/Health Educator/Nurse/Risk Communicator/2 case managers	HIGH	S		X		Federal	HMTF	DCCPR	John Smart (TF Lead) Tara Somers (CDC Support)	UCG seeking clarification on requirements for nurse case manager reload.	<b>TARGET END DATE: 2/17/16</b> 2/16/16 - (State Matrix Rvw) - request a reload of case managers working at the county. The state is coordinating with the county to confirm this need. 2/12/16 - (ATSDR) - GCHD staff is out until 17 Feb, no new updates expected from the county until then on any new lead results. 2/11/16 - (HMTF) - Other requirements of this ask ended, the only remaining on-going activity for this ask are two nurse case managers regarding lead level results who demobilize on 17 February.
2	Genesee County Health Department (GCHD)	Behavioral Health	26,27a,28, 29	2, 3, 4	Technical assistance for DHHS and the Genesee Health System (Community Mental Health) for needs assessment; immediate, intermediate and long term planning; and behavioral health specific messaging. Support for continued expansion of Psychological First Aid resources [Human Resources Request]	HIGH	S		X		Federal	HMTF	SAMHSA	John Smart (TF Lead) CAPT Coady (SAMHSA)	Provide training; last training event on 25 Feb.	<b>TARGET END DATE: 2/26/16</b> 2/16/16 - (Matrix Rvw) - On-going. Additional stress management and PFA trainings to be scheduled through 25 Feb; expect for the issue to be closed at that time. 2/10/16 - (PHST) - Stress management training scheduled for 11, 12, 17 and 18 Feb. (PHST) - Developing a sustainability plan. (CHECC SitRep) - CAPT Coady (SAMHSA) return to Flint 10-11 Feb to assist with in coordination with PHS mental health teams. 2/6/16-(PHST SitRep)-ARC training scheduled for upcoming week with volunteer agencies 2/5/16-(CDC) AmeriCorps volunteer training completed
6	MDHHS	Medical Services	30	3, 4	Targeted Case Management (either through <b>Special Program Amendment (SPA) or Waiver</b> ): roughly 1,000 children are not transitioning to Mental Health Providers (MHPs) from Fee for Service (FFS), and MHPs primarily conduct telephonic case management.	High-1	L		X		Federal	HMTF	CMS, HRSA	John Smart (TF Lead) Esmeralda Pereira (ASPR DLG)	Awaiting federal government's review of the state's waiver request.	<b>TARGET END DATE: 2/19/16</b> 2/16/16 - (Matrix Rvw) - expect a response to the CMS waiver by 19 Feb. 2/15/16 - (State press release (2/14) / waiver request) - state submitted a Medicaid waiver request pursuant to section 1115 of the social security act. Request is being evaluated. The waiver covered, expansion of coverage to individuals up to age 21 and pregnant women, targeted case management, and support for lead abatement. 2/8/16 - (State CMS Director) Awaiting CMS decision on waiver for further action. 2/7/16-(CHECC/State LNO follow-up)-This is being sent to the SMEs for update.
21	MDHHS	Children's Services	26,27a,28, 29	2, 4	Assistance in building a trauma-informed child-and family-service system. All in system need to recognize and respond to the impact of traumatic stress on those who have contact with the system including children, caregivers, and service providers. (Behavioral health issues) <b>RELATED TO ISSUE #2</b>	Medium-3	L		X		Federal	HMTF	ACF EPA, SAMHSA, HUD	John Smart (TF Lead)	Provide training; last training event on 25 Feb.	<b>TARGET END DATE: 2/26/16</b> 2/16/16 - (State Matrix Rvw) - GHCD community resiliency program with 150 partners on PFA/stress management; state requests continued support with GCHD planning. 2/10/16 - (PHST) - Developing a sustainability plan. 2/8/16 (Matrix Rvw) - Sustainability plan/exit strategy in development. 2/4/16-(CHECC)-Per Jodi and Jamie: This is being partially met with the MHT teams we have in place; this is a long-term issue; MDHHS is aware and addressing the sustainability piece once our teams depart; MDHHS is in the very early assessment and implementation phase.
22	MDHHS	Children's Services	30	2,4	Augment resources to include healthcare personnel or federal teams to conduct additional blood lead level testing-sites. Requirement is for blood lead testing size/scope requirements; not taking blood samples. <b>RELATES TO ISSUE #1</b> - per MDHHS this is the case management piece.	Low-2	S		X		Federal	HMTF	ACF EPA, SAMHSA, HUD	John Smart (TF Lead)	CDC/HHS to develop recommendations on blood lead testing.	2/16/16 - (State Matrix Rvw) - state requested CDC/HHS provide recommendations on blood lead testing; clarified that the ask is not to conduct blood draws, but work on the size and scope of the blood lead testing program. This will help determine the potential number of staff required. 2/11/16 - (HMTF) - RECOMMEND CLOSURE; waiting GCHD and state input. 2/11/16 - (State EM LNO) - Discussed CHECC further information on the GCHD ask. 2/10/16 - (PHST) - Recommend closure of this task; PHS staff will not conduct blood level testing, the case management is a <b>duplicate of ISSUE #1</b> . 2/8/16 - (PHST SA) - Need follow up on elevated lead levels for 15 to 18 kids; may



26	MDHHS	Medical Services	30	3, 4	1115 Waiver for Expanded Eligibility: All children under 21 regardless of income in the impacted zip codes	High -1	L	X	Federal	HM/TF	CMS, HRSA	John Smart (TF Lead) Esmeralda Pereira (ASPR DLG)	Awaiting federal government's review of the state's waiver request.	<b>TARGET END DATE: 2/25/16</b> 2/16/16 - (HSTF) - CMS waiver under review; expect OMB review on waiver/expansion. 2/15/16 - (State press release (2/14) / waiver request) - state submitted a Medicaid waiver request pursuant to section 1115 of the social security act. Request is being evaluated. The waiver covered, expansion of coverage to individuals up to age 21 and pregnant women, targeted case management, and support for lead abatement. 2/8/16 - (State CMS Director) Awaiting CMS decision on waiver for further action. 2/7/16-(CHECC/State LNO follow-up)-This is being sent to the SMEs for update.
26a	MDHHS	Medical Services	30	3, 4	o If commercial coverage is available, provide Medicaid wrap services	High -1	L	X	Federal	HM/TF	CMS, HRSA	John Smart (TF Lead) Esmeralda Pereira (ASPR DLG)	Awaiting federal government's review of the state's waiver request.	<b>TARGET END DATE: 2/25/16</b> 2/16/16 - (HSTF) - CMS waiver under review; expect OMB review on waiver/expansion. 2/15/16 - See Item 26 above. 2/8/16 - (State CMS Director) Awaiting CMS decision on waiver for further action.
26b	MDHHS	Medical Services	30	3, 4	o Increase intensity and community based activities to 24/7 access and crisis capacity	High -1	L	X	Federal	HM/TF	CMS, HRSA	John Smart (TF Lead) Esmeralda Pereira (ASPR DLG)	Awaiting federal government's review of the state's waiver request.	<b>TARGET END DATE: 2/25/16</b> 2/16/16 - (HSTF) - CMS waiver under review; expect OMB review on waiver/expansion. 2/15/16 - See Item 26 above. 2/8/16 - (State CMS Director) Awaiting CMS decision on waiver for further action.
11	MDHHS	Data and Surveillance	1a, 2, 3a	1, 2	Consultation on developing residential water sampling protocols, assessment of water sources and interpretation of results where elevated <b>blood lead</b> levels are detected.	High-1	L	X	Federal	WQ/TF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	Brian Kelly (EPA TF Lead) Candis Hunter (CDC/ATSDR)	Sampling on-going in field	2/10/16-(CDC)-ATSDR field consultations on-going 2/5/16-(CDC)-ATSDR field consultations on-going 2/3/16-(EPA SitRep)-Sampling continues; addressing chlorine and lead issues - formal strep provides details 2/1/16-(EPA SitRep)-Assisted Water Branch with sampling efforts. Performed lead sequential, lead filter, filter grab, and residual chlorine sampling in homes and churches; cleaned aerators/filters at all sampling locations. ORD Water Assessment Team: Team is end route and will resume sampling tomorrow. Drafted a press release
12	MDHHS	Data and Surveillance	1a, 2, 3a	1, 2	Establish quality assurance system to verify safe water sources at impacted homes, schools and businesses. [belongs with Row Above]	High - 1	L	X	Federal	WQ/TF	EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	Brian Kelly (EPA TF Lead) Candis Hunter (CDC/ATSDR)	EPA sampling on-going in the field.	2/12/16 - (ATSDR) - Providing health consultation and education during home visits. 2/11/16 - (Matrix Rvw) - On-going, quality assurance project plan (QAPP) updated as needed for lead, copper, rash sampling/analysis. (CDC/ATSDR) - CDC water SME assumed leadership role in support of EPA field teams. 2/9/16 - (WQ/TF) - quality assurance system developed to assess safe water sources. (MI EM LNO) - DEQ needs to address how it is tracking to ensure all home water sources that are using a filter. 2/8/2016 - (Matrix Rvw) - DEQ conducting targeted sampling/or per individual home
55	MDEQ	Data and Surveillance			DEQ requests UCG representative confirm with EPA and USDHHS on if an address with a sample result is considered Personally Identifiable Information (PII).	High	S	X	Federal	WQ/TF		Mark Durno (WQ/TF Lead) Candis Hunter (ATSDR)	EPA to provide DEQ with an MOU that DEQ will not disseminate the PII provided by EPA.	<b>TARGET END DATE: 19 Feb 16</b> 2/16/16 - (Matrix Rvw) - EPA is providing DEQ data without PII information; MOU is still in progress with EPA general counsel. (DEQ) - DEQ is still waiting on data conducted by Miguel Del Toral, and Dr. Marc Edwards so the state may include these sites in sentinel program. 2/11/16 (MI EM LNO) - DEQ request all EPA monitoring results; including those conducted by Miguel Del Toral, and Dr. Marc Edwards; state may include these sites in sentinel program. 2/10/16 - (DEQ) - EPA office of general counsel to develop an MOU with DEQ to illustrate DEQ's use of information provided by EPA; ETA for MOU from EPA is 12 Feb.
8	MDHHS	Nutrition	11	3, 4	Expand use of WIC/Food Assistance for Farmer's Markets/Food Banks/Mobile Food Banks.	High-1	L	X	Federal	NETF	USDA-FNS Office Women's Health, ACF, TANF	Vista Fletcher (USDA) Sandra MacMartin (USDA)	USDA provide support to State on WIC/Food Assistance.	2/11/16 (DHHS email) - State requests USDA support with WIC food assistance. 2/8/16 (Matrix Rvw) - pending state SME decision. 2/5/16-(NETF/State Health Review)-The WIC Farmers Market Nutrition Program (FMNP) allocation formula is set out in regulations (base grant amount is in statute). For FY 2016, it is anticipated Michigan will get at least the amount it received in FY 2015. Once FNS allocates the money to the State, it is a State decision on where the FMNP funds are deployed throughout the State. Michigan could decide to focus more
36	MDHHS	Nutrition	11	3, 4	Assistance with nutrition planning for the inclusion of private industry to address the food desert.	Medium-6	L	X	Federal	NETF	EDA (Economic Development Administration) Doug Lynott	Vista Fletcher (USDA) Sandra MacMartin (USDA)	EDA to provide examples to state on how to do this.	2/11/16 - (Matrix Rvw) - EDA and Michigan Economic Development Corporation (MEDC) contacts identified and connected. 2/8/16 (Matrix Rvw) - CHECC requests USG provide examples/guidance on how to entice business to come into the area. 2/7/16 - (CHECC/State LNO follow-up) looking at long term assistance in getting
28-1	MDHHS	Medical Services	30	3, 4	Lead Abatement through an 1115 waiver financed by a "designated state health program."	High-2	L	X	Federal	HSTF	CMS, HRSA	Diana Hadzibegovic (TF Lead) Byron Mason	Awaiting CMS's review of the state's waiver request.	<b>TARGET END DATE: 2/25/16</b> 2/16/16 - (HSTF) - CMS waiver under review; expect OMB review on waiver / expansion. 2/15/16 - (State press release (2/14) / waiver request) - state submitted a Medicaid waiver request pursuant to section 1115 of the social security act. The waiver covered expansion of coverage to individuals up to age 21 and pregnant women. 2/12/16 - (ATSDR) - reviewing multiple communication materials per EPA request. Responded to state inquiry regarding concerns on bathing in contaminated water. 2/11/16 (ATSDR) - State request for a bathing fact sheet finalized (request 2/1/16). 2/10/16 (ATSDR) - Refined recommended language for blood lead testing for children under six. 2/9/16 - (ATSDR) - Provide technical assistance to refine science messaging on
AA	UCG	Public & External Affairs Task Force	12a		Coordinate the intergovernmental, public and external affairs effort to ensure awareness and visibility of communications activities regarding Flint water crisis with State and Federal partners.	HIGH	S	X	Federal	PEATF		G. Michael (TF Lead)	Ongoing product development	

BB	UCG	Public & External Affairs Task Force	5a, 16a		Assess approach to public messaging and outreach with State and Federal partners.	HIGH	S	X		Federal	PEATF		G. Michael (TF Lead)	Ongoing product development	2/3/16-(PEATF)-worked with the state JIC and multiple federal agencies and jointly developed, posted speakers bureau, facilitated talking points
STATE RESPONSE ACTIVE / IN-PROGRESS															
		State Action Needed													
4	MDHHS	Data and Surveillance	30	2, 4	Technical assistance to support the development of guidance and tools to identify buildings that are deemed high risk for the transmission of pathogens such as Legionella.	High-1	M	X		State	HM/TF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	Candis Hunter (CDC/ASTDR)	State to provide further details on ask.	2/16/16 - (State Matrix Rvw) - the state requested re-opening this ask. 2/4/16-(State Health Review)-Mission completed - State and CDC concur 2/3/16-(State Health Review)-CDC team has met with Dr. McFadden in Lansing regarding the data needs - expected to be closed 2/4/16 1/31/16-CDC-To be addressed 2/1/16 with CDC team @MDHHS
7	MDHHS	Behavioral Health Services	28, 29a	2, 4	Behavioral health - technical assistance for DHHS and the Genesee Health System (Community Mental Health) for needs assessment; immediate, intermediate and long term planning; and behavioral health specific messaging. (Policy/Grant Assistance) (Note: Not the same request as above)	High-1	S	X		State	HM/TF	SAMHSA ASPR, ABC, ACF, SCL	John Smart (TF Lead) CDR Jami Seligman (SAMHSA)	State submit grant app by 4/4/16	<b>TARGET END DATE: 4/4/2016</b> 2/16/16 - (State Matrix Rvw) - on-going, working with SAMHSA on the scope of the of the grant application. 2/3/16-SAMHSA RA (CAPT Coady) met with MDHHS staff to provide further guidance for SERG grant application -Application due date is April 4, 2016. 1/31/16 State SitRep-MDHHS representatives met with Terri Spear (SAMHSA) re: SERG grant
18	MDHHS	Data and Surveillance	24	2, 4	Technical assistance in the development of a long term lead surveillance strategy which includes a diverse set of data sources such as medical information found on birth records, data from the birth defects registry and other data sources that may be useful to public health researchers.	Medium-3	L	X		State	HM/TF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	John Smart (TF Lead) CDC/ATSDR SRS (Buchanan)	CDC/EPI team continue support; state to ask for a reload of CDC/EPI staff.	2/16/16 - (Matrix Rvw) - on-going, CDC Epidemiological (EPI) team is working on data linkage within the existing databases. (State Matrix Rvw) - state is going to request a reload of CDC/EPI team to support this effort. 2/5/16-(CDC)-interagency communications continue, working on long term lead strategy 2/3/16-(State Health Review)-MDHHS Toxicology/Environmental Health programs have a database to track individuals. MDHHS is looking for funding and/or an outside source of software. MDHHS unsure if in-house IT capacity is there to meet the needs.
18a	MDHHS	Data and Surveillance	24	2, 4	o Database for long term monitoring and follow up surveillance	Medium-3	L	X		State	HM/TF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	John Smart (TF Lead) CDC/ATSDR SRS (Buchanan)	State to take action if desired	2/16/16 - (State Matrix Rvw) - state is still evaluating the need and the funding source to support this ask.
18b	MDHHS	Data and Surveillance	24	2, 4	o Case Management Software	Medium-3	L	X		State	HM/TF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	John Smart (TF Lead) CDC/ATSDR SRS (Buchanan)	State to take action if desired	2/16/16 - (State Matrix Rvw) - state is still evaluating the need and the funding source to support this ask.
18c	MDHHS	Data and Surveillance	24	2, 4	o Enhanced capacity for laboratory surge for environmental and blood lead testing through Epi Lab Capacity federal funding.	Medium-3	L	X		State	HM/TF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	John Smart (TF Lead) CDC/ATSDR SRS (Buchanan)	State to take action if desired	2/16/16 - (State Matrix Rvw) - state is still evaluating the need and the funding source to support this ask. 1/31/16- CDC-Possible role for NCEH/ATSDR BSC
18d	MDHHS	Data and Surveillance	24	2, 4	o Technical assistance to develop a methodology to assess past lead exposure.	Medium-3	L	X		State	HM/TF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	John Smart (TF Lead) Morris Maglia (CDC/ATSDR - Support)	State to take action if desired	2/16/16 - (State Matrix Rvw) - state is still evaluating the need and the funding source to support this ask. 2/4/16-(State Health Review)-MDHHS is looking to find if there is an "app" for global notifications. CDC JIC is evaluating this to determine if there is anything besides social media opportunities. 2/3/16-(State Health Review)- Funding issue-MDHHS uses HAN and another system but wants to expand outreach to individual providers; MDHHS needs to determine if
24	MDHHS	Children's Services	5a, 30	2, 4	SME's to assist with development of safe water (lead) toolkit that includes ways to identify cognitive effects of lead in children with planned distribution to healthcare providers, schools and day care agencies	Low-3	L	X		State	HM/TF/SCI	ACF EPA, SAMHSA, HUD	John Smart (TF Lead) CDC/ATSDR (Buchanan)	State requested CDC validate the toolkit provided is correct; state will review once confirmed.	2/14/16 - (State Matrix Rvw) - toolkit provided to the state did not appear to be the complete toolkit, requested confirmation that the information provided was indeed the complete toolkit. 2/12/16 - (ATSDR) - provided to MI EM LNO for state's review a toolkit developed by CDC/ATSDR that includes ways to identify cognitive effects in children which can be distributed to healthcare providers, schools, and daycare providers. 2/10/16 (ATSDR) - Verifying support for this ask from CDC lead program.
26c	MDHHS	Medical Services	28	3, 4	o Community Mental Health (CMH) with support from Hurley & Children's Healthcare Access Programs (CHAP) for outreach activities	High-1	L	X		State	HM/TF	CMS, HRSA	John Smart (TF Lead) Esmeralda Pereira (ASPR DLG)	State CMS SME to answer	<b>TARGET END DATE: 2/17/16</b> 2/8/16 - (State CMS Director) Awaiting CMS decision on waiver for further action.
26d	MDHHS	Medical Services	30	3, 4	o Federally Qualified Health Center (FQHC)	High-1	L	X		State	HM/TF	HRSA	John Smart (TF Lead) Esmeralda Pereira (ASPR DLG)	Waiting on formal announcement by USG of the grants.	2/16/16 - (HRSA Nat'l call) - FQHC funding is pending, two grants pending award for \$250K; request closure of the ask once formally announced. 2/3/16-(State Health Review)-no update available - Funding item - request to state LNO for follow up with State CMS Director.



49	MDHHS	Community/ Provider Engagement	30	2, 4	Recovery- Provide federal resources to assist local and state with long term recovery. 2-FTE for health and 2-FTE for human services. 1-FTE planner for health and 1-FTE planner for human services. Local and state public health will be working to establish and support recovery activities that will most likely last for years. Assistance is needed to develop strategies to ensure all aspects are captured in planning to include blood level testing, healthy homes, nutrition, and long term surveillance.	Medium-High	L		X	State	HMTF	CMS, HRSA	John Smart (TF Lead)	State to provide further details on ask.	2/16/16 - (State Matrix Rvw) - state is internally reviewing the details of ask and will then provide further direction to UCG. 2/12/16 - (EM State LNO) - received an ask for support, request support from HRSA. Amended the original ask to provide clarity. 2/11/16 - (EM State LNO) - HRSA supporting FQHC on how to best request additional funds. 2/8/16 (Matrix Rvw) - HMTF lead to determine if additional state documentation is needed. 2/7/16-2/7/16-(CHECC/State LNO follow-up)-State believed matrix was official avenue for request; UCG provided direction to State Health LNO that a formal letter of request outlining specific and defined need would be needed. 2/3/16-(State Health Review)-Funding request. MDHHS needs to determine if they are going to submit formal funding request.
37	MDHHS	Communications	12a, 16a	2, 3, 4	Infographics in clear format to demonstrate water testing results etc. <b>RELATES TO #13</b>	High-1	L		X	State	WQTF	CDC/ATSDR (for science) All (depending on population being addressed)	Brian Kelly (WQTF Lead) / CDC JIC (Scheel)	State JIC decision	2/16/16 - (State Matrix Rvw) - JIC reviewing infographic draft mock-up provided by ASPR. 2/11/16 - (Matrix Rvw) - JIC is coordinating with UofM professor to provide insight on infographics related to blood lead levels. 2/8/16 (Matrix Rvw) - EPA map viewers available on website; state JIC to determine if this is sufficient. Christian gave Angela Minicuci a contact at U of M regarding
9	MDHHS	Nutrition	11	3, 4	Provide technical assistance to WIC staff on lead and assess ongoing adequacy of nutrition resources; assist with obtaining additional resources as needed.	High-1	L		X	State	NETF	USDA-FNS Office Women's Health, ACF, TANF	Vista Fletcher (USDA) Sandra MacMartin (USDA)	State JIC to "Michiganize" California's materials.	2/16/16 - (State Matrix Rvw) - state developing a draft; may request USG's review once completed. 2/11/16 - (DHHS email) - California approved Michigan's request to use copyrighted educational materials. 2/10/16 - (9Feb CHECC SitRep) - State in negotiation with California on the use of the fact sheet.NETF standing assist with review when needed. 2/8/16 (Matrix Rvw) - state nutrition plan in development; USDA-FNS providing
35	MDHHS	Nutrition	11	3, 4	Funding for development and implementation of a wichealth.org lesson module on nutrition and lead (many WIC clients access nutrition education online through wichealth.org).	Medium-S	L		X	State	NETF	USDA-FNS Office Women's Health, ACF, TANF	Vista Fletcher (USDA) Sandra MacMartin (USDA)	State SME decision	2/8/16 (Matrix Rvw) - pending state SME decision. 2/5/16-(NETF/State Health Review)-Michigan can use its Nutrition Services and Administration funds to develop the module. Also, the regional office could use its Operational Adjustment funds to support development of the module. State health LNO to determine if mission can be closed.
53	MI-Department of Education	Nutrition	11	3, 4	The City of Flint needs additional food supply to help provide healthy food choices for The Emergency Food Assistance Program (TEFAP) eligible families, with a focus on foods that are high in calcium, iron, and Vitamin C. Request is to use USDA disaster food package boxes.		M		X	State	NETF	USDA-FNS	Vista Fletcher (USDA) Sandra MacMartin (USDA)	Waiting on MI-DOE input to complete USDA decision / letter of approval	2/10/16 (NETF) - USDA is still in the process of reviewing the MI-DOE request; requested details from MI-DOE to complete the review. 2/8/16 (Matrix Rvw) - USDA is still in the process of reviewing the MI-DOE request. 2/5/16-(NETF)-received application from MI-DOE; Application to utilize USDA Disaster Food for Disaster Household Distribution (high in micro-nutrients) due to Flint water crisis. 2/4/16, MDE submitted a request to FNS to utilize USDA Foods for Disaster Household Distribution. FNS staff are currently reviewing the request to determine if any
38	MDHHS	Communications	5a, 16a	2,3,4	Assistance with development of Public Service Announcements utilizing known/trusted sources.	High-2	L		X	State	PEATF	CDC (for science) All (depending on population being addressed)	John Smart (TF Lead) Christian Scheel (CDC JIC)	Communication Plan from State JIC	2/11/16 - (DHHS email) - request to keep this open as the state will need assistance once a framework is drafted. 2/8/16 - (Matrix Rvw) - MDHHS is waiting for communication plan finalization; requested this issue remain open. (MDHHS) compiled a draft media plan. Looking into funding to run PSAs, MDHHS will work with CDC on messaging.
10	MDHHS	Communications	5a	2, 3, 4	Provide training for staff, providers, and the community via webinar on water filters, cartridge replacement, water pitchers and blood lead level.	High-1	M		X	State	PEATF	G. Michael (TF Lead)	Brian Kelly (EPA TF Lead) Christian Scheel (CDC JIC)	Waiting on State's Decision of needs on web content related to lead results.	2/10/16 - (ATSDR) - Worked with MDHHS on post-boil notice filter change protocol. 2/8/16 - (Matrix Rvw) - MI-DEPA working on filter and cartridge change fact sheet. Webinar need still being considered by the state. MDHHS to advise next step. (HMTF) - Seeking clarification from Population Health in MDHHS; no guidance yet. 2/6/16-WQTF/PEATF/State Review)-State needs to clarify what is needed; possibly closed item 2/5/16-(CDC)-CDC believes can go green; need to verify with state
<b>RESPONSE TASK FORCE COMPLETED / CLOSED</b>															
3	MDHHS	Data and Surveillance	-	3, 4	Technical assistance to develop a strategy for improving prevention, rapid detection and timely reporting of cases of Legionellosis in MI long-term.	High-1	M		X		HMTF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	Cindy Whitney (CDC)		2/4/16-(State Health Review)-Mission <b>completed</b> - State and CDC concur 2/3/16-(State Health Review)-CDC team has met with Dr. McFadden in Lansing regarding the data needs - expected to be closed 2/4/16 1/31/16-CDC-To be addressed 2/1/16 with CDC team @MDHHS
5	MDHHS	Medical Services	-	4	Enhanced Medicaid Transportation Services: Funding to support non-emergency transportation vendor for the city. Could extend Logisticare and/or demo a MTA project through additional resources (possible waiver).	High-1	L		X	State	HMTF	CMS, HRSA	John Smart (TF Lead)	Update by State for situational awareness report on CMS decision / waiver	2/12/16 - (CHECC/State LNO follow-up) - MTA addressed ask, no further requirement; <b>CLOSED</b> . 2/11/16 - (HMTF) - Request move to the state as completed; no further action by the USG. 2/8/16 - (State CMS Director) Awaiting CMS decision on waiver for further action. 2/7/16-(CHECC/State LNO follow-up)-This is being sent to the SMEs for update. 2/3/16-Awaiting State CMS to provide insight on conversations between State CMS

13	MDHHS	Data and Surveillance	-	2, 4	Technical assistance to evaluate the childhood lead poisoning prevention program (CLPPP) including examination of options for case definitions; methods to assess data trends such as the use of Shewart charts; and methods to view changes in blood lead data over time, including the ability to adjust for seasonal variation when needed.	High-2	L	X				HM/TF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	CDC/SRS (Buchanan)		2/5/16-(CDC)- <b>completed</b> per ATSDR; state concurred; Completed: Return to programmatic function - CDC LEAP (Lead Elimination Program; MI is already receiving grant 2/4/16-(State Health Review)-Training delayed until 2/10/16 per state request; (CDC)-coordinated workgroup 2/3/16-(CDC)-Discussions with MDHHS continue. (State Health Review)-clarification of request; discussions are continuing with Dr. Wells, Tom and Tim Becker re: CM piece identified - 2 persons coming to specifically to provide training 1/31/16-No planned CDC/ATSDR action as of 1/31/16 1/29/16-(20)
14	MDHHS	Data and Surveillance	-	3, 4	Technical assistance/consider future CASPER for filling information needs. <b>Mobilize an EPA-Aid-Team-to-support-a-comprehensive-community-health-needs-assessment.</b>	Medium-1	S	X				HM/TF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	CDC/ATSDR SRS (Buchanan)		2/3/16-(State Health Review)- <b>Completed.</b> For future action - <b>return to program.</b> MDHHS target is late summer 2016; MDHHS has staff to complete als there is a team at UM-Ann Arbor trained ; Dr. Wells is a CASPER instructor 1/31/16-No planned CDC/ATSDR action as of 1/31/16
16	MDHHS	Data and Surveillance	-	2, 4	Technical assistance on the use of dried blood spots to examine lead. Planning assistance on assay validation/proficiency testing/staff competency.	Medium-2	L	X				HM/TF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	Robert L. Jones (CDC)		2/4/16-(State Health Review)- MDHHS state's <b>request closed</b> ; CDC/ATSDR concur 2/3/16-(State Health Review)-technical assistance is being provided reference the paper used with lead testing. (CHECC)-The state already has the ability to do this according to Sara Tomechko, the Director of the Division of Chemistry and Toxicology at the Bureau of Laboratories. This request should be able to be closed out.
21a	MDHHS	Children's Services	-	2, 4	o Healthcare providers, schools, and day care agencies.	Low-2	L	X				HM/TF	ACF EPA, SAMHSA, HUD	John Smart (TF Lead)	Sustainability Plan / Exit Strategy	2/11/16 - (HM/TF) - <b>Issue CLOSED by Issue # 21 above.</b> 2/8/16 (Matrix Rvw) - Sustainability plan/exit strategy in development. 2/4/16-(CHECC)-see above
27	MDHHS	Medical Services	-	3, 4	<b>Federal Funding:</b> Healthy Home Designation (Section 2703 of ACA – MI already has approval, but not in Flint)	High -1	L	X				HM/TF	CMS, HRSA	John Smart (TF Lead) Esmeralda Pereira (ASPR DLG)	No further action required.	2/16/16 - (State Matrix Rvw) – HUD approved long-term strategy; state requested to close out this ask; <b>CLOSED.</b> 2/7/16-(CHECC/State LNO follow-up)-This is being sent to the SMEs for update.
27b	MDHHS	Medical Services	-	3, 4	o Will allow 90% federal match for 8 Quarters for Health Home	High -1	L	X				HM/TF	John Smart (TF Lead) Esmeralda Pereira (ASPR DLG)	No further action required.	2/16/16 - (State Matrix Rvw) – HUD approved long-term strategy; state requested to close out this ask; <b>CLOSED.</b> 2/3/16-(State Health Review)- <b>Relates to #13.</b> Long term project. MDHHS to advise next steps. 1/31/16-No planned CDC/ATSDR action as of 1/31/16	
27a	MDHHS	Medical Services	-	3, 4	Designation (Section 2703 of ACA – MI already has approval, but not in Flint) o Would need CMS to designate lead exposure as a chronic condition	High -1	L	X				HM/TF	John Smart (TF Lead) Esmeralda Pereira (ASPR DLG)	No further action required.	2/16/16 - (State Matrix Rvw) – <b>CLOSED</b> per state request; no further action based on discussions with CMS.	
29	MDHHS	Medical Services	-	3, 4	Expanded Medicaid Benefits: Provide Dietician and Breastfeeding Services/counseling for Flint Medicaid Recipients (SPA/Waiver for statewide implementation if needed)	Medium -1	L	X				HM/TF	CMS, HRSA	John Smart (TF Lead) Esmeralda Pereira (ASPR DLG)	No further action required.	2/16/16 - (State Matrix Rvw) – <b>CLOSED</b> per state request; state-wide expanded services for this ask, no further need. 2/7/16-(CHECC/State LNO follow-up) - This was sent to the SMEs for update.
30	MDHHS	Medical Services	-	2, 4	Assistance with CMS reimbursement for integrated mobile healthcare/community paramedic.	Low-1	L	X				HM/TF	CMS, HRSA	John Smart (TF Lead)		2/7/16-CHECC/State LNO follow-up)-CHECC state mission is closed. This can be removed. They are no longer asking for this. <b>Completed</b> 2/3/16-(State Health Review)- <b>Funding issue</b> -Need clarification from MDHHS - sent to
31	MDHHS	Medical Services	-	2, 4	Assistance in developing a comprehensive plan to accelerate lead testing among children 0-6 years of age. [at our meetings with the community and health plans, community health leaders stressed the need for developmental assessments and case management over testing]	Medium-2	S	X				HM/TF	CMS, HRSA			2/3/16-(State Health Review)-CDC Flint Blood Lead Screening Statement <b>completed</b> 2/1/16-(CDC)-Completed final draft of the CDC Flint Blood Lead Screening Statement which is currently under review by OASH and OS/ASPR.
32	MDHHS	Behavioral Health	-	2, 4	Support for continued expansion of local Psychological First Aid resources. <b>DUPLICATE REQUEST TO #2</b>	High-1	S	X				HM/TF	SAMHSA ASPR, ABC, ACF, ACL			2/4/16-(State Review)-MHT providing service in theater. Determined to be a duplicate request to #2. State agreed to close this request out. <b>Completed.</b> 2/3/16-(PHST SitRep)-Providing BH support to GCHD and AmeriCorps personnel; providing PFA to volunteers; creating development of community BH Surveillance
39	MDHHS	Communication s	-	2, 3, 4	Establish opportunities to gather feedback from the community, allow community to speak with experts/staff.	High-2	S	X				HM/TF	CDC (for science) All (depending on population being addressed)	CDC JIC -(Scheel) will be reassigned if new requests generated		2/4/16-(State Health Review)- <b>This mission is completed per State; may generate new request</b> to be forthcoming related to MARC or community activities. MDHHS to advise next steps. 2/3/16-(State Health Review)-Mission completed through community engagement
40	MDHHS	Communication s	-	2, 3, 4	Utilization of CDC experts in interviews with the media and in meeting with the public regarding legionella, lead, and bathing.	High-3	M	X				HM/TF	CDC/ATSDR (for science) All (depending on population being addressed)	Christian Scheel (CDC JIC)		2/8/16 (HNTF) - Jen Eisner sent a list of questions to Christian that MDHHS could use assistance with in terms of Subject Matter Experts, or prepared statements relating to these questions. We are awaiting a response. 2/6/16-HNTF/State Review)-concur to be <b>completed</b> ; may request and revisit for assistance in future if necessary



41	MDHHS	Communications	-	2, 3, 4	Assistance in prioritizing and guiding a plan for secondary/tertiary prevention strategies for the Flint community, including with working local public health, subject matter experts, the academic community, and the Governor's multi-agency coordinating committee	High-3	M	X					HM/TF	CDC/ATSDR (for science) All (depending on population being addressed)	Donna Knutson (CDC/ATSDR)		2/3/16 (State Health Review)- <b>Completed for federal assistance.</b> MDHHS has target date of March 15 for state PIO is collaborating with CDC/ATSDR staff 2/1/16-(CDC/ATSDR)-MDHHS considers this a long term and sustainability piece. No planned CDC/ATSDR action to date.
44	MDHHS	Communications	-	2, 3, 4	Health Educator assistance to provide appropriate and relevant materials on this issue. <b>Relates to #1 DUPLICATE REQUEST</b>	Medium-2	S	X					HM/TF	CDC (for science) All (depending on population being addressed)	CDC/ATSDR SRS (Buchanan)		2/3/16-(State Health Review)-Relates to #1 and is in process- <b>completed</b> 2/1/16-(CDC/ATSDR)-PHST currently providing assistance to GCHD
45	MDHHS	Communications	-	2, 3, 4	Establish avenues for public interaction and information exchange beyond social media with capacity to surge during an incident.	Low-1	L	X					HM/TF	CDC (for science) All (depending on population being addressed)	Donna Knutson (CDC/ATSDR)		2/1/16-(CDC/ATSDR)-MDHHS considers this a long term and sustainability piece. No planned CDC/ATSDR action to date. Task force <b>completed</b> .
46	MDHHS	Community/Provider Engagement	-	2, 3, 4	Assist with and advise for engagement of public and private organizations that represent the functional, cultural and socio-economic	High 1	S	X					HM/TF				2/3/16-(State Health Review)- <b>Completed.</b> Request rolled into MARC function for long term.
47	MDHHS	Community/Provider Engagement	-	2, 4	BSN prepared nurses to supervise student nurses rotating through Flint and providing community outreach and intervention to residents. This is a request from Genesee County Health Department.	High 2	L	X			State		HM/TF		John Smart (TF Lead) Tara Sommers (CDC Support)	No further action required by UCG.	2/16/16 - (State Matrix Rvw) - state considers this a long-term ask and requested this ask be closed out; <b>CLOSED</b> . 2/11/16 - (DHHS email) - waiting on GHCD, appears to be an ask of the State and not of the USG; request input from the State on this ask. 2/8/16 - (Matrix Rvw) - MDHHS officials will check with GCHD staff (Toni who has returned); awaiting response from state. 2/3/16-(State Health Review)-MDHHS clarification-This appears to be a long term ask
48	MDHHS	Community/Provider Engagement	-	2, 3, 4	Statewide symposium to address issues with short and long term issues with lead poisoning in children.	High 3	S	X					HM/TF	CDC	CDC/ATSDR SRS (Buchanan)		2/3/16-(State Health Review)- <b>Completed.</b> State planning has not yet begun. <b>Return to programmatic function.</b> MDHHS will request assistance when needed in future 2/1/16-(CDC)-MDHHS interested in statewide healthcare provider symposium likely fall 2016; revisit summer 2016. No planned CDC/ATSDR action to date.
50	MDHHS	Community/Provider Engagement	-	3, 4	Expansion of the HAN or development of communication system to include Health Care Providers.	Medium 2	L	X			State		HM/TF		John Smart (TF Lead) CDC JIC (Scheel)	No further action required by UCG.	2/16/16 - (State Matrix Rvw) - state considers this a long-term ask and requested this ask be closed out; <b>CLOSED</b> . 2/8/16 (Matrix Rvw) - state to determine extent of HAN distribution. 2/7/16 - (CDC) CDC is working with the state regarding the HAN distribution network. 2/5/16-(NETF/State Health Review)-USDA-FNS matching dollars for FY16 should be distributed mid-March; MI will be receiving funds that can be used to satisfy this request; Request State LNO to determine if mission can be closed 1/28/16-(USDA)- "performing already" and FNS will be issuing the FY 2016 WIC Breastfeeding Peer Counseling funds by mid-March.
51	MDHHS	Community/Provider Engagement	-	3, 4	Conduct Clinician Outreach and Communication Activity (COCA) webinars to increase outreach to healthcare providers.	Medium 3	S	X					HM/TF	CDC/ATSDR	CDC/ATSDR SRS (Buchanan)		2/3/16-(State Health Review)- <b>Funding issue-Return to program.</b> MDHHS to advise if any further action needs to be taken. 2/1/16-(CDC/ATSDR)-CDC/ATSDR available to assist reaching a larger audience for COCA webinars. MDHHS to advise next steps.
11a	DEQ	Data and Surveillance	-	1, 2	o Consultation on developing residential water sampling protocols, assessment of water sources and interpretation of results where elevated <b>copper</b> levels are detected.	High-1	L	X					WQ/TF	DEQ	Brian Kelly (EPA TF Lead) Candis Hunter (CDC/ATSDR)	DEQ sampling on-going in field; incidental copper data provided to DEQ by EPA.	2/11/16 - (Matrix Rvw) - EPA is providing DEQ information on copper in homes incidental to the samples collected for lead. No federal action on this task is expected. EPA recommended closure of this task; state DEQ and state EM LNO concurred with closure. Recommend closure of this task; no further support on copper health effects by CDC on fact sheet. <b>CLOSED</b> . 2/10/16 - (ATSDR) - Further work with EPA on copper health effects language for joint-fact sheet. 2/9/16 - (WQ/TF) - Sampling/analysis and interpretation of copper results is on-going
42	MDHHS	Communications	-	2, 3, 4	Identify an expert available to staff and providers to answer questions specific to lead in the water and products available to purify water. <b>COMBINED WITH #40</b>	High-4	S	X					WQ/TF	CDC (for science) All (depending on population being addressed)	CDC JIC (Scheel)		2/8/16 - (Matrix Rvw) - closed per state and combined with Task #40; duplicate request. <b>COMPLETED</b> 2/6/16-(WQ/TF/PEATF/State Review)-Moved to monitoring; remain in progress because needs may arise 2/5/16-(CDC)-experts identified; mission complete- validate with State Health LNO 2/3/16-(State Health Review)-believed to be complete; need MDHHS concurrence or
33	MDHHS	Nutrition	-	3, 4	Expand WIC for city of Flint children, to those 5-10 years of age.	High - 1	L	X					NETF	USDA-FNS Office Women's Health, ACF, TANF	Vista Fletcher (USDA) Sandra MacMartin		2/5/16-(NETF review/State Health Review)- <b>completed</b> -waiver denied; no further requests at this time. Technical assistance through WIC program provided via normal programmatic functions. State may submit another request - more to follow 1/30/16-(USDA SitRep)-The USDA denied Michigan Department of Education letter
34	MDHHS	Nutrition	-	3, 4	Lactation Support - Provide additional federal resources to the WIC program to augment WIC peer counseling and utilize existing staff in more dedicated lactation support role.	High-2	L	X					NETF	USDA-FNS Office Women's Health, ACF, TANF	Vista Fletcher (USDA) Sandra MacMartin (USDA)		2/11/16 (DHHS email) - requirement closed, state reallocated resources to meet the needs of the ask. <b>CLOSED</b> . 2/8/16 (Matrix Rvw) - pending state SME decision. 2/5/16-(NETF/State Health Review)- believed to be complete; Request State LNO to determine if mission can be closed 1/28/16-(USDA)-"performing already" and FNS will be issuing the FY 2016 WIC Breastfeeding Peer Counseling funds by mid-March.
54	GCHD	Nutrition	-	3, 4	MDHHS requested that USDA-FNS authorize financial support to the Flint WIC clinics for the lead testing of WIC participants with appropriate Medicaid cost sharing. Approved letter to follow.		S	X					NETF	EDA (Economic Development Administration) USDA-FNS	Vista Fletcher (USDA) Sandra MacMartin (USDA)		2/11/16 - (USDA Press Release 0037.16) - Approved. 2/10/16 - (NETF) - Approval memo was completed today by USDA. Requesting with the state that this issue is <b>COMPLETED/CLOSED</b> 2/8/16 (Matrix Rvw) - CHECC requested to wait to close this task until they get an official approval for Medicare cost sharing.

19	MDHHS	Children's Services	-	3, 4	Discretionary emergency funds aside from our regular flex fund sources (CP/CP, SFSC, etc.) for the following items:	High-1	M	X				Recovery	ACF EPA, SAMHSA, HUD	Diana Hadzibegovic (TF Lead) Byron Mason	MI to decide if wants to use TANF funds	2/16/16 - (HTSF) - recommend closure and no further tracking by HRSA/CMS. 2/8/16 (HSTF) - ACF shared guidance with MDHHS on use of TANF non-recurrent, short-term benefits to help eligible families. Michigan has flexibility under the TANF program to offer a wider range of services or benefits in response to the situation in Flint. If Michigan does decide to offer new benefits or services not covered by its current TANF Plan, or decides to change the eligibility criteria for any benefits or services, it may do so by submitting a TANF Plan amendment.
19a	MDHHS	Children's Services	-	3, 4	o Gas card clients need to have access to resources and attend medical appointments for follow up specific to lead exposure	High-1	M	X				Recovery	ACF EPA, SAMHSA, HUD	Diana Hadzibegovic (TF Lead) Byron Mason	State to take action if desired	2/16/16 - (HTSF) - recommend closure and no further tracking by HRSA/CMS. 2/2/16-(HSTF)- ACF affirmed that the state can use Temporary Assistance for Needy Families (TANF) Non-Recurrent, Short Term funds to provide these services to respond to this emergency. State has been informed and can take action if desired.
19b	MDHHS	Children's Services	-	3, 4	o Food cards-clients are using BRIDGE cards for water, leaving little left for food.	High-1	M	X				Recovery	ACF EPA, SAMHSA, HUD	Diana Hadzibegovic (TF Lead) Byron Mason	State to take action if desired	2/16/16 - (HTSF) - recommend closure and no further tracking by HRSA/CMS. 2/2/16-(DASH email)-ACF has shared guidance with the Michigan DHHS regarding using TANF non-recurrent, short-term benefits (45 CFR 260.31(b)(1)) to help eligible families deal with a specific crisis situation. These could include short-term (i.e., 4 months or less) payments or vouchers to low-income families with children for purchase of bottled water; and gas cards/bus passes for these families. Michigan has
19c	MDHHS	Children's Services	-	3, 4	o Bus passes-same purpose/intent as above.	High-1	M	X				Recovery	ACF EPA, SAMHSA, HUD	Diana Hadzibegovic (TF Lead) Byron Mason	State to educate residents	2/16/16 - (HTSF) - recommend closure and no further tracking by HRSA/CMS. 2/3/16-(State Health Review)- State Health LNO believes this is educational issue for residents - BRIDGE cards are not needs for water (it's free) - crossover to ESF 15 and education
20	MDHHS	Children's Services	-	3, 4	Increase match temporarily with Title IV-E funds to support five additional staff for Child Welfare and Cash District offices to track, monitor and follow up with clients.	High-2	L	X				HSTF	ACF EPA, SAMHSA, HUD	Diana Hadzibegovic (TF Lead) Byron Mason	No further action required.	2/10/16 (MIDHHS) - Moved 4 full-time equivalents to Flint and will draw down allowable IV-E reimbursement. <b>COMPLETED.</b> 2/8/16 - (HTSF) - ACF advised HSTF that ACF does not have statutory authority to increase match funding. ACF has not received an official/formal request from the state on this issue. The State must submit an official request to ACF, if it wants an official response.
25	MDHHS	Children's Services	-	3, 4	Grant a limited term administrative rate increase to primary Placement Agency Foster Care (PAFC) contracts.	Low-4	L	X				Recovery	ACF EPA, SAMHSA, HUD	Diana Hadzibegovic (TF Lead) Byron Mason	No further action required.	2/10/16 (MIDHHS) - Moved 4 full-time equivalents to Flint and will draw down allowable IV-E reimbursement. <b>COMPLETED.</b> 2/8/16 - (HTSF) - ACF advised HSTF that ACF does not have statutory authority to increase match funding. ACF has not received an official/formal request from the
28-2	MDHHS	Medical Services	-	3, 4	The State funded program "Healthy Homes" - currently at \$1.8M General Fund (GF), but this would allow Medicaid match for all GF. Abatement includes:	High-2	L	X				Recovery	CMS, HRSA	Diana Hadzibegovic (TF Lead) Byron Mason	State taking applications	2/16/16 - (HTSF) - recommend closure of recovery effort and no further tracking by HRSA/CMS. 2/8/16 - (Matrix Rvw) - HUD affirmed its existing "Healthy Home" funding to state grantees (e.g., Housing Commission) can be utilized by the county to support lead abatement in homes, including in water. <b>State is taking action to identify/enroll</b>
28-2a	MDHHS	Medical Services	-	3, 4	a. The removal of lead hazards, permanent enclosure or encapsulation of lead based paint, replacement of surfaces or fixtures, removal or covering of soil lead hazards, and all post-abatement clearance testing activities.	High-2	L	X				HSTF	CMS, HRSA	Diana Hadzibegovic (TF Lead) Byron Mason	State to work with HUD to file applications	2/3/16-(HSTF)-Existing HUD Office of Lead Hazard Control and Healthy Homes grant to MI targets \$325K to Healthy Homes. Per HUD, funds can be used for lead hazards in water in homes. Abatement of lead based paint also eligible for HUD funding. <b>Closed</b>
28-2b	MDHHS	Medical Services	-	3, 4	b. DSHPs are health programs funded by the state, many of which provide safety-net health care services for low-income or uninsured individuals such as adult day care, outpatient substance abuse treatment or care for the mentally ill who are not eligible for Medicaid. CMS has approved DSHP for use in states (e.g. OR), although not for lead abatement.	High-2	L	X				Recovery	CMS, HRSA	Diana Hadzibegovic (TF Lead) Byron Mason	State grantee to apply	2/16/16 - (HSTF) - grantee may apply funds if included in the original request to this application; recommend closure no further tracking by HRSA/CMS. 2/8/16 - (Matrix Rvw) - HRSA advised that Hamilton Community Health Network, to use existing funds to conduct workshops on (1) detecting behavioral health issues that may occur as a result of lead exposure; (2) healthy eating habits and educating participants about food with high levels of lead content; (3) and awareness of potential physical disabilities caused by lead exposure in children, HRSA advised that Genesee County Health Start, plans to hire an additional health educator to address community public health needs related to lead.
52	MDHHS	Community/ Provider Engagement	-	3, 4	Assistance with recruitment and retention of pediatric health care professionals including behavioral health.	Medium 4	L	X			State	Recovery	HRSA	Diana Hadzibegovic (TF Lead) Byron Mason	Awaiting federal government's announcement on state's grant application.	2/16/16 - (HTSF) - state applied from grant, announcement expected by 2/19/16. 2/8/16 (Matrix Rvw) - HRSA grantees to submit application for supplemental funding; HSTF to provide state with list of eligible grantees. HRSA will provide guidance and support to its grantees on use of supplemental funding. HRSA can also provide subject matter expertise to the State via HRSA programs (e.g., National Health Service Corps) on how to recruit and retain physicians and nurses to an underserved area by offering loan forgiveness and other incentives.
56	HSTF	Community/ Provider Engagement	-		*** NOT AN OFFICIAL OBJECTIVE from State's request. Instead this is an opportunity that the HSTF identified during its operations.		L	X			State	Recovery	HRSA	Diana Hadzibegovic (TF Lead) Byron Mason	State needs to provide feedback on specific webinar training date desired; coordinate with CMS.	2/16/16 - (HSTF) - contacted the state on webinar requirements; waiting feedback on webinar need and/or training date. 2/9/16 (HSTF) - CMS is implementing a new Accountable Health Communities (AHC) Model, targeted at addressing health-related social needs, including: housing instability, food insecurity, utility needs, interpersonal violence, and transportation needs beyond medical transport. Successful applicants would receive funding in 2017. It is possible that one of the model's tracks may support longer-term case management needs.HSTF met with Genesee County Community Action Resource Department (CARD), an ACF grantee and advised GC CARD of CMS' new model.



State	Genesee County	Technical Assistance	-	2, 4	Multi-Agency ResourceCenter (MARC): <b>State monitored project. Genesee County Health Department</b> to create sites in the community for "one stop shop" for human and social services. To include water distribution, filter distribution, education materials.	HIGH	S	X				State	OASH, ASPR	Mary Macqueen (MI-DHHS)		2/8/16 - (UCG) - <b>CLOSED</b> no further USG action. 2/5/16-(State Health Review)-MDHHS and State officials are determining next steps; no action at this time for USG assistance. MDHHS/ State EOC will provide next steps. 2/3/16-(State Health Review)-This is a state monitored project. County Health (GCHD) has the lead to establish MARC centers in the community. Request to federal govt is to provide some guidance on the development of these centers. This has been provided through the community engagement teams. Goal is to get volunteers to assist in supporting these centers.
43	MDHHS	Communications	-	2, 3, 4	Crisis communications response training for Department PIOs and leadership. 1:1 training - Barbara Reynolds to train state officials in Governor's Office and MI-DEQ	High-5	S	X				PEATF	CDC/ATSDR (for science) All (depending on population being addressed)	John Smart (TF Lead) CDC JIC (Scheel)	Training is scheduled and will be completed by 18 Feb 16.	<b>TARGET END DATE: 18 Feb 16</b> 2/12/16 - (ATSDR) - provided state health department with CERC training materials. 2/11/16 - (Matrix Rvw) - State confirmed that trainings are scheduled and the task can be considered complete; <b>CLOSED</b> . 2/10/16 - (CHECC) Meetings on 12th 16th and 18th. 2/8/16 - (Matrix Rvw) - State JIC confirms February training dates; CHECC will only confirm closure after last training date scheduled for 16 Feb. (HMTF) - Lisa Briseno

**From:** Johnson, Mark  
**Sent:** 17 Feb 2016 19:21:03 +0000  
**To:** Dykema, Linda D. (DHHS);Durno, Mark  
**Cc:** Kelley, Jeff;Bassler, Rachel;Cupal, Suzanne (scupal@gchd.us);Brown, Mary Jean (CDC/ONDIEH/NCEH);Lisa Briseno;Somers, Tarah;Pearson-Clarke, Rosemary P. (CDC/ONDIEH/NCEH) (CTR) (ygs1@cdc.gov);Funk, Renee (CDC/NIOSH/OD);Troy Ritter;Kelly, Brian;Watters, Michelle;Elgethun, Kai (ATSDR/DCHI/WB)  
**Subject:** RE: News Story about not washing cloth diapers in Flint water

The group mentioned in the story on ABC12 in Flint

<http://www.abc12.com/news/headlines/Flint-parents-urged-to-stop-using-cloth-diapers-washed-in-contaminated-water-368855511.html>

is **Fluff Love University** (<http://www.fluffloveuniversity.com/>), an organization that apparently promotes the use of cloth diapers. However, they are recommending that people not use the water for washing cloth diapers in Flint for fear of causing skin rashes. Here are the statements on their website:

## #SafeDiapersForFlint #SaveTheBabyButts

In light of the tragedy that's been occurring in Flint, MI for some time now, it has come to our attention that caretakers have been washing cloth diapers in the contaminated water. This poses several risks to the babies wearing them and the diapers themselves. If you are a cloth diapering parent affected by this, please fill out this [form](#) so we can follow up with you to ensure your needs are met.

### Concerns:

1. The contaminants themselves. Along with the unknown health risks they pose especially considering the sensitive area cloth diapers touch, we are hearing reports of horrendous rashes, lesions, sores and wounds.
2. Open sores and rashes increases the risk of unknown contaminants and lead to enter the blood stream.
3. The lead itself makes it difficult to clean and builds up in fabrics.
4. The lead exposure itself poses a concern.
5. The contaminants and high lead content is wreaking havoc on diaper fabrics and we have been receiving reports of dramatic increased wear.

**And more...**



At the contaminant content rate there is no known wash recommendation that would ensure the diapers would clean properly and there is little direction given by the CDC or WHO especially regarding these circumstances. At this time it is our official recommendation not to use cloth diapers washed in this water until the water is safe for drinking.

This poses a GREAT hardship on the cloth diapering families of Flint, MI. We are here to offer advice and support! We recommend these families:

- Discontinue the use of cloth diapers that have been washed in the contaminated water.
- If you have the ability to wash elsewhere going forward, please acquire a fresh, \*clean\* stash.
- If you are unable to wash with clean water please use disposables until the water is again safe for drinking.

Resources for washing with clean water:

1. Use a friend or relative's home.
2. Reach out to your local community to find a neighbor with clean water that will allow you to wash diapers at their home.
3. Handwash using bottled water. For instructions visit our page, [Hand Washing Cloth Diapers](#).
4. Use a neighboring Laundromat with clean water:
  - A. Everclean Dry Cleaners and Laundry **Address:** 2247 Center RD Burton, MI 48519  
**Phone:** (810) 743-8220
  - B. Clio Laundromat and Cleaners **Address:** 2127 W Vienna RD Clio, MI 48420 **Phone:** (810) 687-5300
  - C. Pro Clean **Address:** 509 E Grand Blanc RD Grand Blanc, MI 48439 **Phone:** (810) 694-4260
  - D. For assistance with washing diapers at laundromats visit our page, [Coin Op Machines](#)

Mark

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Mark D. Johnson, PhD, DABT  
Regional Director/Toxicologist  
Agency for Toxic Substances and Disease Registry (ATSDR)  
77 W. Jackson Blvd.  
Chicago, IL 60604  
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**From:** Dykema, Linda D. (DHHS) [<mailto:DykemaL@michigan.gov>]  
**Sent:** Wednesday, February 17, 2016 12:51 PM  
**To:** Durno, Mark <[durno.mark@epa.gov](mailto:durno.mark@epa.gov)>; Johnson, Mark <[johnson.mark@epa.gov](mailto:johnson.mark@epa.gov)>  
**Cc:** Kelley, Jeff <[kelley.jeff@epa.gov](mailto:kelley.jeff@epa.gov)>; Bassler, Rachel <[Bassler.Rachel@epa.gov](mailto:Bassler.Rachel@epa.gov)>; Cupal, Suzanne (<[scupal@gchd.us](mailto:scupal@gchd.us)>) <[scupal@gchd.us](mailto:scupal@gchd.us)>  
**Subject:** RE: News Story

<http://www.abc12.com/news/headlines/Flint-parents-urged-to-stop-using-cloth-diapers-washed-in-contaminated-water-368855511.html>

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**From:** Durno, Mark [<mailto:durno.mark@epa.gov>]  
**Sent:** Wednesday, February 17, 2016 1:37 PM  
**To:** Dykema, Linda D. (DHHS) <[DykemaL@michigan.gov](mailto:DykemaL@michigan.gov)>; Johnson, Mark <[johnson.mark@epa.gov](mailto:johnson.mark@epa.gov)>  
**Cc:** Kelley, Jeff <[kelley.jeff@epa.gov](mailto:kelley.jeff@epa.gov)>; Bassler, Rachel <[Bassler.Rachel@epa.gov](mailto:Bassler.Rachel@epa.gov)>  
**Subject:** FW: News Story

Mark/Linda,

See below – can you please forward this message to the entire health family that is working on advisories and messaging.

Thanks,  
md

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**Mark Durno**  
Homeland Security Advisor / Deputy Chief  
Emergency Response Branch  
**U.S. Environmental Protection Agency**  
25063 Center Ridge Road  
Westlake, OH 44145  
440-250-1743

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**From:** Cupal, Suzanne [<mailto:scupal@gchd.us>]  
**Sent:** Wednesday, February 17, 2016 12:01 PM  
**To:** Durno, Mark <[durno.mark@epa.gov](mailto:durno.mark@epa.gov)>  
**Cc:** Lytle, Darren <[Lytle.Darren@epa.gov](mailto:Lytle.Darren@epa.gov)>  
**Subject:** News Story

I have been getting calls from our school partners that ABC 12 did a story over the weekend telling people not to wash cloths diapers in Flint water because it is causing skin rashes.

I don't know if you are aware of the story. You may wish to address this with the media...

Suzanne Cupal, M.P.H.  
Public Health Supervisor  
Genesee County Health Department  
630 S. Saginaw Street  
Suite 4  
Flint, MI 48502  
(810) 768-7970  
[scupal@gchd.us](mailto:scupal@gchd.us)

**From:** Gwisdalla, David  
**Sent:** 17 Feb 2016 22:15:41 +0000  
**To:** Elgethun, Kai (ATSDR/DCHI/WB); Pearson-Clarke, Rosemary P. (CDC/ONDIEH/NCEH) (CTR); Wolfe, Herbert (CDC/ONDIEH/NCEH); Funk, Renee (CDC/NIOSH/OD); Cibulas, William (ATSDR/OA/OD); Bowman, Thomas (OS/ASPR/OEM); Smith, Jason (DHHS;michael.i.polsinelli@hud.gov; Bassler, Rachel; Durno, Mark; Michael, Gretchen (OS/ASPR/COO); Odom, Janet (OS/ASPR/OEM); Kuzerah@mi.gov; Stankewicz, Todd (OS/ASPR/OEM); IRCT1.FUSN (HHS/ASPR); Linda Scott; Dr. Jacqueline Scott; Mason, Byron (OS/ASPR/OEM); Hadzibegovic, Diana (OS/ASPR/OEM); feighnerb@michigan.gov; tim.english@fns.usda.gov; Lam, Shelly; john.gibbons@hhs.gov; Voirin, Anthony (OS/ASPR/OEM); warren.riley@fema.dhs.gov; donald.mobley@fema.dhs.gov; Hurwitz, Nathan (OS/ASPR/OEM); russom3@michigan.gov; Fletcher, Vista (USDA); macqueenm@michigan.gov; Pereira, Esmeralda (OS/ASPR/OEM); MacMartin, Sandra - FNS; Kuzerah@mi.gov; robert.gaskill-clemons@redcross.org; Levine, Cheryl (OS/ASPR/OPP); (b) (6) fusion@hhs.gov; IRCT1.OPS@hhs.gov; IRCT1.OPS2@HHS.gov; Hurwitz, Nathan (OS/ASPR/OEM); hlb8@cdc.gov; Smart, John (OS/ASPR/OEM); john.gibbons@hhs.gov; Bowman, Thomas (OS/ASPR/OEM); Smith, Jason (DHHS); Somers, Tarah; Halbur, Kathy; (b) (6) Rachel.kaul@hhs.gov; Chamberlain, Kerry (DHHS)  
**Cc:** IRCT1.CMO@HHS.GOV  
**Subject:** MDHHS Request Matrix  
**Attachments:** 17Feb16\_FINAL\_MASTER\_UNIFED REQUEST LIST\_Flint MI\_UCG.pdf

ALCON

Attached is the MDHHS Request Matrix for 17 Feb 16. This is the latest version based on the discussions with task force leads and state review. Please review and if you have any questions please let the information management group know.

**REMOVE AND DESTROY ALL OTHER COPIES –**

To reach me on my cell, call 303-462-9307.

Regards, David.

David A. Gwisdalla, P.E., MSEE  
Commander, U.S. Public Health Service  
PHS Commissioned Corps Officer Detailed to EPA

Environmental Engineer  
National Enforcement Investigations Center  
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# 2016 Flint Water Response MDHHS Request List Action Tracker

Matrix Legend				Expected request duration		Task Active and Closed Statistics		
Task Force (TF) Legend				State Priorities: High - Medium-Low		Agency/Closed	# Tasks	% of Total
				S = short-term (0 - 3 months)		Federal Active Tasks	17	23%
				M = mid-term (4 months- 1 year)		State Active Tasks	16	22%
				L = long-term (1 year and beyond)		Completed/Closed	41	55%
				USG Objectives		TOTAL 74		
				1 Provide immediate access to safe water				
				2 Ensure the safety of and public confidence in the water supply				
				3 Understand and address immediate health needs from potential lead exposure				
				4 Mitigate other impacts of the water contamination crisis on the residents of Flint				

As of: 2/17/2016 1711 hrs

Issue #	Date State Request Made	Asset Requester	Commodity	UCG IAP Operational Period #10 Objective #	USG Objectives (Legend below)	Request Summary Provided / Vetted by State	State Priority (Identified as High - Medium-Low then ranked in order to be done)	Expected request duration	Complete	Ongoing	Proposed	Requires State / Federal Action	Primary Task Force Assigned	Federal Agency Lead or HHS OpDiv/Staff Div	Federal POC	Required Action	Task Status/Update/Notes Comments
RESPONSE TASK FORCE ACTIVE / IN-PROGRESS																	
Federal Action Needed																	
1	1/26/2016	Genesee County Health Department (GCHD)	Human Resources	22a	2, 4	Requests for individuals to provide immediate short term assistance for the GCHD (duration 14-30 days) Technical Assistance: Sanitarian/Health Educator/Nurse/Risk Communicator/2 case managers	HIGH	S		X		Federal	HMTE	DCCPR	John Smart (TF Lead) Tara Somers (CDC Support)	UCG seeking clarification on requirements for nurse case manager reload.	<b>TARGET END DATE: 2/17/16</b> 2/16/16 - (State Matrix Rvw) - request a reload of case managers working at the county. The state is coordinating with the county to confirm this need. 2/12/16 - (ATSDR) - GCHD staff is out until 17 Feb, no new updates expected from the county until then on any new lead results. 2/11/16 - (MHTF) - Other requirements of this ask ended, the only remaining on-going activity for this ask are two nurse case managers regarding lead level results who demobilize on 17 February.
2	1/26/2016	Genesee County Health Department (GCHD)	Behavioral Health	26,27a,28, 29	2, 3, 4	Technical assistance for DHHS and the Genesee Health System (Community Mental Health) for needs assessment; immediate, intermediate and long term planning; and behavioral health specific messaging. Support for continued expansion of Psychological First Aid resources (Human Resources Request)	HIGH	S		X		Federal	HMTE	SAMHSA	John Smart (TF Lead) CAPT Coady (SAMHSA)	Provide training: last training event on 25 Feb.	<b>TARGET END DATE: 2/26/16</b> 2/16/16 - (Matrix Rvw) - On-going. Additional stress management and PFA trainings to be scheduled through 25 Feb; expect for the issue to be closed at that time. 2/10/16 - (PHST) - Stress management training scheduled for 11, 12, 17 and 18 Feb. (PHST) - Developing a sustainability plan. (CHECC SitRep) - CAPT Coady (SAMHSA) return to flint 10-11 Feb to assist with in coordination with PHS mental health teams. 2/6/16-(PHST SitRep)-ARC training scheduled for upcoming week with volunteer agencies. 2/5/16-(CDC) AmeriCorps volunteer training completed
6	1/29/2016	MDHHS	Medical Services	30	3, 4	Targeted Case Management (either through <b>Special Program Amendment (SPA) or Waiver</b> ): roughly 1,000 children are not transitioning to Mental Health Providers (MHPs) from Fee for Service (FFS), and MHPs primarily conduct telephonic case management.	High-1	L		X		Federal	HMTE	CMS, HRSA	John Smart (TF Lead) Esmeralda Pereira (ASPR DLG)	Awaiting federal government's review of the state's waiver request.	<b>TARGET END DATE: 2/19/16</b> 2/16/16 - (Matrix Rvw) - expect a response to the CMS waiver by 19 Feb. 2/15/16 - (State press release (2/14) / waiver request) - state submitted a Medicaid waiver request pursuant to section 1115 of the social security act. Request is being evaluated. The waiver covered, expansion of coverage to individuals up to age 21 and pregnant women, targeted case management, and support for lead abatement. 2/8/16 - (State CMS Director) Awaiting CMS decision on waiver for further action. 2/7/16-(CHECC/State LNO follow-up)-This is being sent to the SMEs for update.
21	1/29/2016	MDHHS	Children's Services	26,27a,28, 29	2, 4	Assistance in building a trauma-informed child- and family- service system. All in system need to recognize and respond to the impact of traumatic stress on those who have contact with the system including children, caregivers, and service providers. (Behavioral health issues) <b>RELATED TO ISSUE #2</b>	Medium-3	L		X		Federal	HMTE	ACF EPA, SAMHSA, HUD	John Smart (TF Lead)	Provide training: last training event on 25 Feb.	<b>TARGET END DATE: 2/26/16</b> 2/16/16 - (State Matrix Rvw) - GHCD community resiliency program with 150 partners on PFA/stress management; state requests continued support with GCHD planning. 2/10/16 - (PHST) - Developing a sustainability plan. 2/8/16 (Matrix Rvw) - Sustainability plan/exit strategy in development. 2/4/16-(CHECC)-Per Jodi and Jamie: This is being partially met with the MHT teams we have in place; this is a long-term issue; MDHHS is aware and addressing the sustainability piece once our teams depart; MDHHS is in the very early assessment and implementation phase. 2/3/16-(MDHHS)-clarification-Could be currently being met by PHST team at GCHD.
22	1/29/2016	MDHHS	Children's Services	30	2,4	Augment resources to include healthcare personnel or federal teams to conduct additional blood lead level testing-sites. Requirement is for blood lead testing size/scope requirements; not taking blood samples. <b>RELATES TO ISSUE #1</b> - per MDHHS this is the case management piece.	Low-2	S		X		Federal	HMTE	ACF EPA, SAMHSA, HUD	John Smart (TF Lead)	CDC/HHS to develop recommendations on blood lead testing.	2/16/16 - (State Matrix Rvw) - state requested CDC/HHS provide recommendations on blood lead testing; clarified that the ask is not to conduct blood draws, but work on the size and scope of the blood lead testing program. This will help determine the potential number of staff required. 2/11/16 - (HMTE) - RECOMMEND CLOSURE; waiting GCHD and state input. 2/11/16 - (State EM LNO) - Discussed CHECC further information on the GCHD ask. 2/10/16 - (PHST) - Recommend closure of this task; PHS staff will not conduct blood level testing, the case management is a <b>duplicate of ISSUE #1</b> . 2/8/16 - (PHST SA) - Need follow up on elevated lead levels for 15 to 18 kids; may start
26	1/29/2016	MDHHS	Medical Services	30	3, 4	<b>1115 Waiver</b> for Expanded Eligibility: All children under 21 regardless of income in the impacted zip codes	High -1	L		X		Federal	HMTE	CMS, HRSA	John Smart (TF Lead) Esmeralda Pereira (ASPR DLG)	Awaiting federal government's review of the state's waiver request.	<b>TARGET END DATE: 2/25/16</b> 2/16/16 - (HSTF) - CMS waiver under review; expect OMB review on waiver/expansion. 2/15/16 - (State press release (2/14) / waiver request) - state submitted a Medicaid waiver request pursuant to section 1115 of the social security act. Request is being evaluated. The waiver covered, expansion of coverage to individuals up to age 21 and pregnant women, targeted case management, and support for lead abatement. 2/8/16 - (State CMS Director) Awaiting CMS decision on waiver for further action. 2/7/16-(CHECC/State LNO follow-up)-This is being sent to the SMEs for update.

26a	1/29/2016	MDHHS	Medical Services	30	3, 4	<ul style="list-style-type: none"> <li>o If commercial coverage is available, provide Medicaid wrap services</li> </ul>	High -1	L	X	Federal	HMTE	CMS, HRSA	John Smart (TF Lead) Esmeralda Pereira (ASPR DLG)	Awaiting federal government's review of the state's waiver request.	<b>TARGET END DATE: 2/25/16</b> 2/16/16 - (HSTF) - CMS waiver under review; expect OMB review on waiver/expansion. 2/15/16 - See item 26 above. 2/8/16 - (State CMS Director) Awaiting CMS decision on waiver for further action.
26b	1/29/2016	MDHHS	Medical Services	30	3, 4	<ul style="list-style-type: none"> <li>o Increase intensity and community based activities to 24/7 access and crisis capacity</li> </ul>	High -1	L	X	Federal	HMTE	CMS, HRSA	John Smart (TF Lead) Esmeralda Pereira (ASPR DLG)	Awaiting federal government's review of the state's waiver request.	<b>TARGET END DATE: 2/25/16</b> 2/16/16 - (HSTF) - CMS waiver under review; expect OMB review on waiver/expansion. 2/15/16 - See item 26 above. 2/8/16 - (State CMS Director) Awaiting CMS decision on waiver for further action.
11	1/29/2016	MDHHS	Data and Surveillance	1a, 2, 3a	1, 2	Consultation on developing residential water sampling protocols, assessment of water sources and interpretation of results where elevated <b>blood lead</b> levels are detected.	High-1	L	X	Federal	WQTF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	Brian Kelly (EPA TF Lead) Candis Hunter (CDC/ATSDR)	Sampling on-going in field	2/10/16-(CDC)-ATSDR field consultations on-going 2/5/16-(CDC)-ATSDR field consultations on-going 2/3/16-(EPA SitRep)-Sampling continues; addressing chlorine and lead issues - formal strep provides details 2/1/16-(EPA SitRep)-Assisted Water Branch with sampling efforts. Performed lead sequential, lead filter, filter grab, and residual chlorine sampling in homes and churches; cleaned aerators/filters at all sampling locations. ORD Water Assessment Team: Team is end route and will resume sampling tomorrow. Drafted a press release urging residents to clean faucet aerators, whole house filtration systems, and hot water heaters to remove any potential lead contamination. 1/30/16-(EPA2.1/2.2)Established High Lead Home Strike Teams; filter lead sequential
12	1/29/2016	MDHHS	Data and Surveillance	1a, 2, 3a	1, 2	Establish quality assurance system to verify safe water sources at impacted homes, schools and businesses. [belongs with Row Above]	High - 1	L	X	Federal	WQTF	EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	Brian Kelly (EPA TF Lead) Candis Hunter (CDC/ATSDR)	EPA sampling on-going in the field.	2/12/16 - (ATSDR) - Providing health consultation and education during home visits. 2/11/16 - (Matrix Rvw) - On-going, quality assurance project plan (QAPP) updated as needed for lead, copper, rash sampling/analysis. (CDC/ATSDR) - CDC water SME assumed leadership role in support of EPA field teams. 2/9/16 - (WQTF) - quality assurance system developed to assess safe water sources. (MI EM LNO) - DEQ needs to address how it is tracking to ensure all home water sources that are using a filter. 2/8/2016 - (Matrix Rvw) - DEQ conducting targeted sampling/or per individual home owner request; sampling is on-going.
55	2/7/2016	MDEQ	Data and Surveillance	-	-	DEQ requests UCG representative confirm with EPA and USDHHS on if an address with a sample result is considered Personally Identifiable Information (PII).	High	S	X	Federal	WQTF		Mark Durno (WQTF Lead) Candis Hunter (ATSDR)	EPA to provide DEQ with an MOU that DEQ will not disseminate the PII provided by EPA.	<b>TARGET END DATE: 19 Feb 16</b> 2/16/16 - (Matrix Rvw) - EPA is providing DEQ data without PII information; MOU is still in progress with EPA general counsel. (DEQ) - DEQ is still waiting on data conducted by Miguel Del Toral, and Dr. Marc Edwards so the state may include these sites in sentinel program. 2/11/16 (MI EM LNO) - DEQ request all EPA monitoring results, including those conducted by Miguel Del Toral, and Dr. Marc Edwards; state may include these sites in sentinel program. 2/10/16 - (DEQ) - EPA office of general counsel to develop an MOU with DEQ to illustrate DEQ's use of information provided by EPA; ETA for MOU from EPA is 12 Feb.
8	1/29/2016	MDHHS	Nutrition	11	3, 4	Expand use of WIC/Food Assistance for Farmer's Markets/Food Banks/Mobile Food Banks.	High-1	L	X	Federal	NETF	USDA-FNS Office Women's Health, ACF, TANF	Vista Fletcher (USDA) Sandra MacMartin (USDA)	USDA provide support to State on WIC/Food Assistance.	2/17/16 - (State Health LNO) - SOM WIC Division is working through the process to confirm if feasible, as well as determining all that is required. WIC Director plan to discuss details/process of official request on 2/17. 2/11/16 (DHHS email) - State requests USDA support with WIC food assistance. 2/8/16 (Matrix Rvw) - pending state SME decision. 2/5/16-(NETF/State Health Review)-The WIC Farmers Market Nutrition Program (FMNP) allocation formula is set out in regulations (base grant amount is in statute).
36	1/29/2016	MDHHS	Nutrition	11	3, 4	Assistance with nutrition planning for the inclusion of private industry to address the food desert.	Medium-6	L	X	Federal	NETF	EDA (Economic Development Administration) Doug Lynott	Vista Fletcher (USDA) Sandra MacMartin (USDA)	EDA to provide examples to state on how to do this.	2/11/16 - (Matrix Rvw) - EDA and Michigan Economic Development Corporation (MEDC) contacts identified and connected. 2/8/16 (Matrix Rvw) - CHECC requests USG provide examples/guidance on how to entice business to come into the area. 2/7/16 - (CHECC/State LNO follow-up) looking at long term assistance in getting nutrition and possibly a grocery store in Flint...Looking for support in identifying ways to tap into strategy for bringing business to the area. (HSTF) Food security is defined by statute as access to affordable and nutritious food. The farm bill made USDA the lead for food security. USDA should lead and monitor this task. 2/4/16-(USDA SitRep/NETF Review)-USDA will continue in advisory role; EDA will follow
53	2/4/2016	MI-Department of Education	Nutrition	11	3, 4	The City of Flint needs additional food supply to help provide healthy food choices for The Emergency Food Assistance Program (TEFAP) eligible families, with a focus on foods that are high in calcium, iron, and Vitamin C. Request is to use USDA disaster food package boxes.	-	M	X	Federal	NETF	USDA-FNS	Vista Fletcher (USDA) Sandra MacMartin (USDA)	USDA is reviewing the request.	2/17/16 - (NETF) - The MDE submitted a revised request to USDA-FNS on 2/16/16. The request is currently under review by USDA-FNS. 2/10/16 (NETF) - USDA is still in the process of reviewing the MI-DOE request; requested details from MI-DOE to complete the review. 2/8/16 (Matrix Rvw) - USDA is still in the process of reviewing the MI-DOE request. 2/5/16-(NETF)-received application from MI-DOE; Application to utilize USDA Disaster Food for Disaster Household Distribution (high in micro-nutrients) due to Flint water crisis. 2/4/16, MDE submitted a request to FNS to utilize USDA Foods for Disaster Household Distribution. FNS staff are currently reviewing the request to determine if any additional information is needed from the State.
28-1	1/29/2016	MDHHS	Medical Services	30	3, 4	Lead Abatement through an <b>1115 waiver</b> financed by a "designated state health program."	High-2	L	X	Federal	HSTF	CMS, HRSA	Diana Hadzibegovic (TF Lead) Byron Mason	Awaiting CMS's review of the state's waiver request.	<b>TARGET END DATE: 2/25/16</b> 2/16/16 - (HSTF) - CMS waiver under review; expect OMB review on waiver / expansion. 2/15/16 - (State press release (2/14) / waiver request) - state submitted a Medicaid waiver request pursuant to section 1115 of the social security act. The waiver covered expansion of coverage to individuals up to age 21 and pregnant women, targeted case management, and support for lead abatement. 2/8/16 - (Matrix Rvw) - CMS is developing decision memo to the state's request to use



AA	2/1/2016	UCG	Public & External Affairs Task Force	12a		Coordinate the intergovernmental, public and external affairs effort to ensure awareness and visibility of communications activities regarding Flint water crisis with State and Federal partners.	HIGH	S		X	Federal	PEATF	G. Michael (TF Lead)	Ongoing product development	2/12/16 - (ATSDR) - reviewing multiple communication materials per EPA request. Responded to state inquiry regarding concerns on bathing in contaminated water. 2/11/16 (ATSDR) - State request for a bathing fact sheet finalized (request 2/1/16). 2/10/16 (ATSDR) - Refined recommended language for blood lead testing for children under six. 2/9/16 - (ATSDR) - Provide technical assistance to refine science messaging on intergovernmental coordination.
BB	2/2/2016	UCG	Public & External Affairs Task Force	5a, 16a		Assess approach to public messaging and outreach with State and Federal partners.	HIGH	S		X	Federal	PEATF	G. Michael (TF Lead)	Ongoing product development	2/3/16 (PEATF)-worked with the state JIC and multiple federal agencies and jointly developed, posted speakers bureau, facilitated talking points

#### STATE RESPONSE ACTIVE / IN-PROGRESS

			State Action Needed													
4	1/29/2016	MDHHS	Data and Surveillance	30	2, 4	Technical assistance to support the development of guidance and tools to identify buildings that are deemed high risk for the transmission of pathogens such as Legionella.	High-1	M		X	State	HMTE	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	Candis Hunter (CDC/ASTDR)	State to provide further details on ask.	2/16/16 - (State Matrix Rvw) - the state requested re-opening this ask. 2/4/16-(State Health Review)-Mission completed - State and CDC concur 2/3/16-(State Health Review)-CDC team has met with Dr. McFadden in Lansing regarding the data needs - expected to be closed 2/4/16 1/31/16 CDC-To be addressed 2/1/16 with CDC team @MDHHS
7	1/29/2016	MDHHS	Behavioral Health Services	28, 29a	2, 4	Behavioral health - technical assistance for DHHS and the Genesee Health System (Community Mental Health) for needs assessment; immediate, intermediate and long term planning; and behavioral health specific messaging. (Policy/Grant Assistance) (Note: Not the same request as above)	High-1	S		X	State	HMTE	SAMHSA ASPR, ABC, ACF, SCL	John Smart (TF Lead) CDR Jami Seligman (SAMHSA)	State submit grant app by 4/4/16	<b>TARGET END DATE: 4/4/2016</b> 2/16/16 - (State Matrix Rvw) - on-going, working with SAMHSA on the scope of the of the grant application. 2/3/16-SAMHSA RA (CAPT Coody) met with MDHHS staff to provide further guidance for SERG grant application -Application due date is <b>April 4, 2016</b> . 1/31/16 State SitRep-MDHHS representatives met with Terri Spear (SAMHSA) re: SERG grant
18	1/29/2016	MDHHS	Data and Surveillance	24	2, 4	Technical assistance in the development of a long term lead surveillance strategy which includes a diverse set of data sources such as medical information found on birth records, data from the birth defects registry and other data sources that may be useful to public health researchers.	Medium-3	L		X	State	HMTE	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	John Smart (TF Lead) CDC/ATSDR SRS (Buchanan)	CDC/EPI team continue support; state to ask for a reload of CDC/EPI staff.	2/16/16 - (Matrix Rvw) - on-going, CDC Epidemiological (EPI) team is working on data linkage within the existing databases. (State Matrix Rvw) - state is going to request a reload of CDC/EPI team to support this effort. 2/5/16-(CDC)-interagency communications continue, working on long term lead strategy 2/3/16-(State Health Review)-MDHHS Toxicology/Environmental Health programs have a database to track individuals. MDHHS is looking for <b>funding</b> and/or an outside source of software. MDHHS unsure if in-house IT capacity is there to meet the needs.
18a	1/29/2016	MDHHS	Data and Surveillance	24	2, 4	o Database for long term monitoring and follow up surveillance	Medium-3	L		X	State	HMTE	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	John Smart (TF Lead) CDC/ATSDR SRS (Buchanan)	State to take action if desired	2/16/16 - (State Matrix Rvw) - state is still evaluating the need and the funding source to support this ask.
18b	1/29/2016	MDHHS	Data and Surveillance	24	2, 4	o Case Management Software	Medium-3	L		X	State	HMTE	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	John Smart (TF Lead) CDC/ATSDR SRS (Buchanan)	State to take action if desired	2/16/16 - (State Matrix Rvw) - state is still evaluating the need and the funding source to support this ask.
18c	1/29/2016	MDHHS	Data and Surveillance	24	2, 4	o Enhanced capacity for laboratory surge for environmental and blood lead testing through Epi Lab Capacity federal funding.	Medium-3	L		X	State	HMTE	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	John Smart (TF Lead) CDC/ATSDR SRS (Buchanan)	State to take action if desired	2/16/16 - (State Matrix Rvw) - state is still evaluating the need and the funding source to support this ask. 1/31/16 CDC-Possible role for NCEH/ATSDR BSC
18d	1/29/2016	MDHHS	Data and Surveillance	24	2, 4	o Technical assistance to develop a methodology to assess past lead exposure.	Medium-3	L		X	State	HMTE	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	John Smart (TF Lead) Morris Maglia (CDC/ATSDR - Support)	State to take action if desired	2/16/16 - (State Matrix Rvw) - state is still evaluating the need and the funding source to support this ask. 2/4/16-(State Health Review)-MDHHS is looking to find if there is an "app" for global notifications. CDC JIC is evaluating this to determine if there is anything besides social media opportunities. 2/3/16-(State Health Review)- <b>Funding issue</b> -MDHHS uses HAN and another system but wants to expand outreach to individual providers; MDHHS needs to determine if formal request is to be submitted 2/1/16-(CDC/ATSDR)-MDHHS asks for technical assistance on HAN outreach to a
24	1/29/2016	MDHHS	Children's Services	5a, 30	2, 4	SME's to assist with development of safe water (lead) toolkit that includes ways to identify cognitive effects of lead in children with planned distribution to healthcare providers, schools and day care agencies	Low-3	L		X	State	HMTE/SCI	ACF EPA, SAMHSA, HUD	John Smart (TF Lead) CDC/ATSDR (Buchanan)	State requested CDC validate the toolkit provided is correct; state will review once confirmed.	2/14/16 - (State Matrix Rvw) - toolkit provided to the state did not appear to be the complete toolkit, requested confirmation that the information provided was indeed the complete toolkit. 2/12/16 - (ATSDR) - provided to MI EM LNO for state's review a toolkit developed by CDC/ATSDR that includes ways to identify cognitive effects in children which can be distributed to healthcare providers, schools, and daycare providers. 2/10/16 (ATSDR) - Verifying support for this ask from CDC lead program.
26c	1/29/2016	MDHHS	Medical Services	28	3, 4	o Community Mental Health (CMH) with support from Hurley & Children's Healthcare Access Programs (CHAP) for outreach activities	High-1	L		X	State	HMTE	CMS, HRSA	John Smart (TF Lead) Esmeralda Pereira (ASPR DLG)	State CMS SME to answer	<b>TARGET END DATE: 2/17/16</b> 2/8/16 - (State CMS Director) Awaiting CMS decision on waiver for further action.
26d	1/29/2016	MDHHS	Medical Services	30	3, 4	o Federally Qualified Health Center (FQHC)	High-1	L		X	State	HMTE	HRSA	John Smart (TF Lead) Esmeralda Pereira (ASPR DLG)	Waiting on formal announcement by USG of the grants.	2/16/16 - (HRSA Nat'l call) - FQHC funding is pending, two grants pending award for \$250K; request closure of the ask once formally announced. 2/3/16-(State Health Review)-no update available - <b>Funding item</b> - request to state LNO for follow up with State CMS Director.

49	1/29/2016	MDHHS	Community/ Provider Engagement	30	2, 4	Recovery- Provide federal resources to assist local and state with long term recovery. <del>2-FTE for health and 2-FTE for human services.</del> 1-FTE planner for health and 1-FTE planner for human services. Local and state public health will be working to establish and support recovery activities that will most likely last for years. Assistance is needed to develop strategies to ensure all aspects are captured in planning to include blood level testing, healthy homes, nutrition, and long term surveillance.	Medium-1-High	L		X	State	HMTF	CMS, HRSA	John Smart (TF Lead)	State to provide further details on ask.	2/16/16 - (State Matrix Rvw) - state is internally reviewing the details of ask and will then provide further direction to UCG. 2/12/16 - (EM State LNO) - received an ask for support, request support from HRSA. Amended the original ask to provide clarity. 2/11/16 - (EM State LNO) - HRSA supporting FQHC on how to best request additional funds. 2/8/16 (Matrix Rvw) - HMTF lead to determine if additional state documentation is needed. 2/7/16-2/7/16-(CHECC/State LNO follow-up)-State believed matrix was official avenue for request; UCG provided direction to State Health LNO that a formal letter of request outlining specific and defined need would be needed. 2/3/16-(State Health Review)-Funding request. MDHHS needs to determine if they are going to submit formal funding request.
37	1/29/2016	MDHHS	Communications	12a, 16a	2, 3, 4	Informatics Infographics in clear format to demonstrate water testing results etc. <b>RELATES TO #13</b>	High-1	L		X	State	WQTF	CDC/ATSOR (for science) All (depending on population being addressed)	Brian Kelly (WQTF Lead) / CDC JIC (Scheel)	State JIC decision	2/16/16 - (State Matrix Rvw) - JIC reviewing infographic draft mock-up provided by ASPR. 2/11/16 - (Matrix Rvw) - JIC is coordinating with UoFM professor to provide insight on infographics related to blood lead levels. 2/8/16 (Matrix Rvw) - EPA map viewers available on website; state JIC to determine if this is sufficient. Christian gave Angela Minicuci a contact at U of M regarding visualizing data.
9	1/29/2016	MDHHS	Nutrition	11	3, 4	Provide technical assistance to WIC staff on lead and assess ongoing adequacy of nutrition resources; assist with obtaining additional resources as needed.	High-1	L		X	State	NETF	USDA-FNS Office Women's Health, ACF, TANF	Vista Fletcher (USDA) Sandra MacMartin (USDA)	State JIC to "Michiganize" California's materials.	2/1/6/16 - (State Matrix Rvw) - state developing a draft; may request USG's review once completed. 2/11/16 - (DHHS email) - California approved Michigan's request to use copyrighted educational materials. 2/10/16 - (9Feb CHECC SitRep) - State in negotiation with California on the use of the fact sheet.NETF standing assist with review when needed. 2/8/16 (Matrix Rvw) - state nutrition plan in development; USDA-FNS providing
35	1/29/2016	MDHHS	Nutrition	11	3, 4	Funding for development and implementation of a wichealth.org lesson module on nutrition and lead (many WIC clients access nutrition education online through wichealth.org).	Medium-5	L		X	State	NETF	USDA-FNS Office Women's Health, ACF, TANF	Vista Fletcher (USDA) Sandra MacMartin (USDA)	State SME decision	2/8/16 (Matrix Rvw) - pending state SME decision. 2/5/16-(NETF/State Health Review)-Michigan can use its Nutrition Services and Administration funds to develop the module. Also, the regional office could use its Operational Adjustment funds to support development of the module. State health LNO to determine if mission can be closed.
38	1/29/2016	MDHHS	Communications	5a, 16a	2,3,4	Assistance with development of Public Service Announcements utilizing known/trusted sources.	High-2	L		X	State	PEATF	CDC (for science) All (depending on population being addressed)	John Smart (TF Lead) Christian Scheel (CDC JIC)	Communication Plan from State JIC	2/11/16 - (DHHS email) - request to keep this open as the state will need assistance once a framework is drafted. 2/8/16 - (Matrix Rvw) - MDHHS is waiting for communication plan finalization; requested this issue remain open. (MDHHS) compiled a draft media plan. Looking into funding to run PSAs, MDHHS will work with CDC on messaging. 2/5/16-(HMTF/State Review)-MDHHS to clarify if this is completed
10	1/29/2016	MDHHS	Communications	5a	2, 3, 4	Provide training for staff, providers, and the community via webinar on water filters, cartridge replacement, water pitchers and blood lead level.	High-1	M		X	State	PEATF	G. Michael (TF Lead)	Brian Kelly (EPA TF Lead) Christian Scheel (CDC JIC)	Waiting on State's Decision of needs on web content related to lead results.	2/10/16 - (ATSOR) - Worked with MDHHS on post-boil notice filter change protocol. 2/8/16 - (Matrix Rvw) - MI-DEPA working on filter and cartridge change fact sheet. Webinar need still being considered by the state. MDHHS to advise next step. (HMTF) - Seeking clarification from Population Health in MDHHS; no guidance yet. 2/6/16-WQTF/PEATF/State Review)-State needs to clarify what is needed; possibly closed item 2/5/16-(CDC)-CDC believes can go green; need to verify with state 2/3/16-(State Health Review)- PSAs developed; ESF# 15 and MI State PIO
<b>RESPONSE TASK FORCE COMPLETED / CLOSED</b>																
3	1/29/2016	MDHHS	Data and Surveillance	-	3, 4	Technical assistance to develop a strategy for improving prevention, rapid detection and timely reporting of cases of Legionellosis in MI long-term.	High-1	M		X		HMTF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	Cindy Whitney (CDC)		2/4/16-(State Health Review)-Mission <b>completed</b> - State and CDC concur 2/3/16-(State Health Review)-CDC team has met with Dr. McFadden in Lansing regarding the data needs - expected to be closed 2/4/16 1/31/16-CDC-To be addressed 2/1/16 with CDC team @MDHHS
5	1/29/2016	MDHHS	Medical Services	-	4	Enhanced Medicaid Transportation Services: Funding to support non-emergency transportation vendor for the city. Could extend Logisticare and/or demo a MTA project through additional resources ( <b>possible waiver</b> ).	High-1	L		X	State	HMTF	CMS, HRSA	John Smart (TF Lead)	Update by State for situational awareness report on CMS decision / waiver	2/12/16 - (CHECC/State LNO follow-up) - MTA addressed ask, no further requirement; <b>CLOSED</b> . 2/11/16 - (HMTF) - Request move to the state as completed; no further action by the USG. 2/8/16 - (State CMS Director) Awaiting CMS decision on waiver for further action. 2/7/16-(CHECC/State LNO follow-up)-This is being sent to the SMEs for update. 2/3/16-Awaiting State CMS to provide insight on conversations between State CMS
13	1/29/2016	MDHHS	Data and Surveillance	-	2, 4	Technical assistance to evaluate the childhood lead poisoning prevention program (CLPPP) including examination of options for case definitions; methods to assess data trends such as the use of Shewart charts; and methods to view changes in blood lead data over time, including the ability to adjust for seasonal variation when needed.	High-2	L		X		HMTF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	CDC/SRS (Buchanan)		2/5/16-(CDC)- <b>completed</b> per ATSQR; state concurred; Completed: Return to programmatic function - CDC LEAP (Lead Elimination Program; MI is already receiving grant 2/4/16-(State Health Review)-Training delayed until 2/10/16 per state request; (CDC)-coordinated workgroup 2/3/16-(CDC)-Discussions with MDHHS continue. (State Health Review)-clarification of request: discussions are continuing with Dr. Wells, Tom and Tim Becker re: CM piece identified - 2 persons coming to specifically to provide training 1/31/16-No planned CDC/ATSQR action as of 1/31/16 1/29/16-(20)
14	1/29/2016	MDHHS	Data and Surveillance	-	3, 4	Technical assistance/consider future CASPER for filling information needs. <b>Mobilize an EPI Aid Team to support a comprehensive community health needs assessment.</b>	Medium-1	S		X		HMTF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	CDC/ATSQR SRS (Buchanan)		2/3/16-(State Health Review)- <b>Completed</b> . For future action - <b>return to program</b> . MDHHS target is late summer 2016; MDHHS has staff to complete als there is a team at UM-Ann Arbor trained ; Dr. Wells is a CASPER instructor 1/31/16-No planned CDC/ATSQR action as of 1/31/16



16	1/29/2016	MDHHS	Data and Surveillance	-	2, 4	Technical assistance on the use of dried blood spots to examine lead. Planning assistance on assay validation/proficiency testing/staff competency.	Medium-2	L	X				HM/TF	CDC, EPA, HUD ACF, ACL, Ofc Minority Health, Dept. of ED	Robert L. Jones (CDC)		2/4/16-(State Health Review)- MDHHS state's <b>request closed</b> ; CDC/ATSDR concur 2/3/16-(State Health Review)-technical assistance is being provided reference the paper used with lead testing. (CHECC)-The state already has the ability to do this according to. Sara Tomechko, the Director of the Division of Chemistry and Toxicology at the Bureau of Laboratories. This request should be able to be closed out.
21a	1/29/2016	MDHHS	Children's Services	-	2, 4	o Healthcare providers, schools, and day care agencies.	Low-2	L	X				HM/TF	ACF, EPA, SAMHSA, HUD	John Smart (TF Lead)	Sustainability Plan/Exit Strategy	2/11/16 - (HM/TF) - <b>issue CLOSED by Issue # 21 above</b> . 2/8/16 (Matrix Rvw) - Sustainability plan/exit strategy in development. 2/4/16-(CHECC)-see above
27	1/29/2016	MDHHS	Medical Services	-	3, 4	<b>Federal Funding:</b> Healthy Home Designation (Section 2703 of ACA - MI already has approval, but not in Flint)	High -1	L	X				HM/TF	CMS, HRSA	John Smart (TF Lead) Esmeralda Pereira (ASPR DLG)	No further action required.	2/16/16 - (State Matrix Rvw) - HUD approved long-term strategy; state requested to close out this ask; <b>CLOSED</b> . 2/7/16-(CHECC/State LNO follow-up)-This is being sent to the SMEs for update.
27b	1/29/2016	MDHHS	Medical Services	-	3, 4	o Will allow 90% federal match for 8 Quarters for Health Home	High -1	L	X				HM/TF		John Smart (TF Lead) Esmeralda Pereira (ASPR DLG)	No further action required.	2/16/16 - (State Matrix Rvw) - HUD approved long-term strategy; state requested to close out this ask; <b>CLOSED</b> . 2/3/16-(State Health Review)- <b>Relates to #13</b> . Long term project. MDHHS to advise next steps. 1/31/16-No planned CDC/ATSDR action as of 1/31/16
27a	1/29/2016	MDHHS	Medical Services	-	3, 4	Federal Funding: Healthy Home Designation (Section 2703 of ACA - MI already has approval, but not in Flint) o Would need CMS to designate lead exposure as a chronic condition	High -1	L	X				HM/TF		John Smart (TF Lead) Esmeralda Pereira (ASPR DLG)	No further action required.	2/16/16 - (State Matrix Rvw) - <b>CLOSED</b> per state request, no further action based on discussions with CMS.
29	1/29/2016	MDHHS	Medical Services	-	3, 4	Expanded Medicaid Benefits: Provide Dietician and Breastfeeding Services/counseling for Flint Medicaid Recipients (SPA/Waiver for statewide implementation if needed)	Medium -1	L	X				HM/TF	CMS, HRSA	John Smart (TF Lead) Esmeralda Pereira (ASPR DLG)	No further action required.	2/16/16 - (State Matrix Rvw) - <b>CLOSED</b> per state request, state-wide expanded services for this ask, no further need. 2/7/16-(CHECC/State LNO follow-up) - This was sent to the SMEs for update.
30	1/29/2016	MDHHS	Medical Services	-	2, 4	Assistance with CMS reimbursement for integrated mobile healthcare/community paramedic.	Low-1	L	X				HM/TF	CMS, HRSA	John Smart (TF Lead)		2/7/16-CHECC/State LNO follow-up)-CHECC state mission is closed. This can be removed. They are no longer asking for this. <b>Completed</b> 2/3/16-(State Health Review)- <b>Funding issue</b> -Need clarification from MDHHS - sent to ASPR LNO @ CHECC.
31	1/29/2016	MDHHS	Medical Services	-	2, 4	Assistance in developing a comprehensive plan to accelerate lead testing among children 0-6 years of age. (at our meetings with the community and health plans, community health leaders stressed the need for developmental assessments and case management over testing)	Medium-2	S	X				HM/TF	CMS, HRSA			2/3/16-(State Health Review)-CDC Flint Blood Lead Screening Statement <b>completed</b> 2/1/16-(CDC)-Completed final draft of the CDC Flint Blood Lead Screening Statement which is currently under review by OASH and OS/ASPR.
32	1/29/2016	MDHHS	Behavioral Health	-	2, 4	Support for continued expansion of local Psychological First Aid resources. <b>DUPLICATE REQUEST to #2</b>	High-1	S	X				HM/TF	SAMHSA ASPR, ABC, ACF, ACL			2/4/16-(State Review)-MHT providing service in theater. Determined to be a duplicate request to #2. State agreed to close this request out. <b>Completed</b> . 2/3/16-(PHST SitRep)-Providing BH support to GCHD and AmeriCorps personnel; providing PFA to volunteers; creating development of community BH Surveillance plan
39	1/29/2016	MDHHS	Communications	-	2, 3, 4	Establish opportunities to gather feedback from the community, allow community to speak with experts/staff.	High-2	S	X				HM/TF	CDC (for science) All (depending on population being addressed)	CDC JIC (Scheel) will be reassigned if new requests generated.		2/4/16-(State Health Review)- <b>This mission is completed per State; may generate new request</b> to be forthcoming related to MARC or community activities. MDHHS to advise next steps. 2/3/16-(State Health Review)-Mission completed through community engagement
40	1/29/2016	MDHHS	Communications	-	2, 3, 4	Utilization of CDC experts in interviews with the media and in meeting with the public regarding legionella, lead, and bathing.	High-3	M	X				HM/TF	CDC/ATSDR (for science) All (depending on population being addressed)	Christian Scheel (CDC JIC)		2/8/16 (HNTF) - Jen Eisner sent a list of questions to Christian that MDHHS could use assistance with in terms of Subject Matter Experts, or prepared statements relating to these questions. We are awaiting a response. 2/6/16-HNTF/State Review)-concur to be <b>completed</b> ; may request and revisit for
41	1/29/2016	MDHHS	Communications	-	2, 3, 4	Assistance in prioritizing and guiding a plan for secondary/tertiary prevention strategies for the Flint community, including with working local public health, subject matter experts, the academic community, and the Governor's multi-agency coordinating committee	High-3	M	X				HM/TF	CDC/ATSDR (for science) All (depending on population being addressed)	Donna Knutson (CDC/ATSDR)		2/3/16 (State Health Review)- <b>Completed for federal assistance</b> . MDHHS has target date of March 15 for state PIO is collaborating with CDC/ATSDR staff 2/1/16-(CDC/ATSDR)-MDHHS considers this a long term and sustainability piece. No planned CDC/ATSDR action to date.
44	1/29/2016	MDHHS	Communications	-	2, 3, 4	Health Educator assistance to provide appropriate and relevant materials on this issue. <b>Relates to #1 DUPLICATE REQUEST</b>	Medium-2	S	X				HM/TF	CDC (for science) All (depending on population being addressed)	CDC/ATSDR SRS (Buchanan)		2/3/16-(State Health Review)-Relates to #1 and is in process- <b>completed</b> 2/1/16-(CDC/ATSDR)-PHST currently providing assistance to GCHD
45	1/29/2016	MDHHS	Communications	-	2, 3, 4	Establish avenues for public interaction and information exchange beyond social media with capacity to surge during an incident.	Low-1	L	X				HM/TF	CDC (for science) All (depending on population being addressed)	Donna Knutson (CDC/ATSDR)		2/1/16-(CDC/ATSDR)-MDHHS considers this a long term and sustainability piece. No planned CDC/ATSDR action to date. Task force <b>completed</b> .
46	1/29/2016	MDHHS	Community/ Provider Engagement	-	2, 3, 4	Assist with and advise for engagement of public and private organizations that represent the functional, cultural and socio-economic needs of these at risk individuals.	High 1	S	X				HM/TF				2/3/16-(State Health Review)- <b>Completed</b> . Request rolled into MARC function for long term.
47	1/29/2016	MDHHS	Community/ Provider Engagement	-	2, 4	BSN prepared nurses to supervise student nurses rotating through Flint and providing community outreach and intervention to residents. This is a request from Genesee County Health Department.	High 2	L	X			State	HM/TF		John Smart (TF Lead) Tara Sommers (CDC Support)	No further action required by UCG.	2/16/16 - (State Matrix Rvw) - state considers this a long-term ask and requested this ask be closed out; <b>CLOSED</b> . 2/11/16 - (DHHS email) - waiting on GHCD, appears to be an ask of the State and not of the USG; request input from the State on this ask. 2/8/16 - (Matrix Rvw) - MDHHS officials will check with GCHD staff (Toni who has returned); awaiting response from state.
48	1/29/2016	MDHHS	Community/ Provider Engagement	-	2, 3, 4	Statewide symposium to address issues with short and long term issues with lead poisoning in children.	High 3	S	X				HM/TF	CDC	CDC/ATSDR SRS (Buchanan)		2/3/16-(State Health Review) <b>Completed</b> . State planning has not yet begun. <b>Return to programmatic function</b> . MDHHS will request assistance when needed in future 2/1/16-(CDC)-MDHHS interested in statewide healthcare provider symposium likely fall 2016; revisit summer 2016. No planned CDC/ATSDR action to date.

50	1/29/2016	MDHHS	Community/ Provider Engagement	-	3, 4	Expansion of the HAN or development of communication system to include Health Care Providers.	Medium 2	L	X		State	HMTF	John Smart (TF Lead) CDC JIC (Scheel)	No further action required by UCG.	2/16/16 - (State Matrix Rvw) - state considers this a long-term ask and requested this ask be closed out; <b>CLOSED</b> . 2/8/16 (Matrix Rvw) - state to determine extent of HAN distribution. 2/7/16 - (CDC) CDC is working with the state regarding the HAN distribution network. 2/5/16-(NETF/State Health Review)-USDA-FNS matching dollars for FY16 should be
51	1/29/2016	MDHHS	Community/ Provider Engagement	-	3, 4	Conduct Clinician Outreach and Communication Activity (COCA) webinars to increase outreach to healthcare providers.	Medium 3	S	X			HMTF	CDC/ATSDR CDC/ATSDR SRS (Buchanan)		2/3/16-(State Health Review)- <b>Funding issue-Return to program.</b> MDHHS to advise if any further action needs to be taken. 2/1/16-(CDC/ATSDR)-CDC/ATSDR available to assist reaching a larger audience for COCA webinars. MDHHS to advise next steps.
114		DEQ	Data and Surveillance	-	1, 2	o Consultation on developing residential water sampling protocols, assessment of water sources and interpretation of results where elevated <b>copper</b> levels are detected.	High-1	L	X			WQTF	DEQ Brian Kelly (EPA TF Lead) Candis Hunter (CDC/ATSDR)	DEQ sampling on-going in field; incidental copper data provided to DEQ by EPA.	2/11/16 - (Matrix Rvw) - EPA is providing DEQ information on copper in homes incidental to the samples collected for lead. No federal action on this task is expected. EPA recommended closure of this task; state DEQ and state EM LNO concurred with closure. Recommend closure of this task; no further support on copper health effects by CDC on fact sheet. <b>CLOSED</b> . 2/10/16 - (ATSDR) - Further work with EPA on copper health effects language for joint-
42	1/29/2016	MDHHS	Communications	-	2, 3, 4	Identify an expert available to staff and providers to answer questions specific to lead in the water and products available to purify water. <b>COMBINED WITH #40</b>	High-4	S	X			WQTF	CDC (for science) All (depending on population being addressed) CDC JIC (Scheel)		2/8/16 - (Matrix Rvw) - closed per state and combined with Task #40; duplicate request. <b>COMPLETED</b> 2/6/16-(WQTF/PEATF/State Review)-Moved to monitoring; remain in progress because needs may arise 2/5/16-(CDC)-experts identified; mission complete- validate with State Health LNO 2/3/16-(State Health Review)-believed to be complete; need MDHHS concurrence or
33	1/29/2016	MDHHS	Nutrition	-	3, 4	Expand WIC for city of Flint children, to those 5-10 years of age.	High - 1	L	X			NETF	USDA-FNS Office Women's Health, ACF, TANF Vista Fletcher (USDA) Sandra MacMartin		2/5/16-(NETF review/State Health Review)- <b>completed</b> -waiver denied; no further requests at this time. Technical assistance through WIC program provided via normal programmatic functions. State may submit another request - more to follow 1/30/16-(USDA SitRep)-The USDA denied Michigan Department of Education letter
34	1/29/2016	MDHHS	Nutrition	-	3, 4	Lactation Support - Provide additional federal resources to the WIC program to augment WIC peer counseling and utilize existing staff in more dedicated lactation support role.	High-2	L	X			NETF	USDA-FNS Office Women's Health, ACF, TANF Vista Fletcher (USDA) Sandra MacMartin (USDA)		2/11/16 (DHHS email) - requirement closed, state reallocated resources to meet the needs of the ask. <b>CLOSED</b> . 2/8/16 (Matrix Rvw) - pending state SME decision. 2/5/16-(NETF/State Health Review)- believed to be complete; Request State LNO to determine if mission can be closed
54	2/7/2016	GCHD	Nutrition	-	3, 4	MDHHS requested that USDA-FNS authorize financial support to the Flint WIC clinics for the lead testing of WIC participants with appropriate Medicaid cost sharing. Approved letter to follow.		S	X			NETF	EDA (Economic Development Administration) USDA-FNS Vista Fletcher (USDA) Sandra MacMartin (USDA)		2/11/16 - (USDA Press Release 0037.16) - Approved. 2/10/16 - (NETF) - Approval memo was completed today by USDA. Requesting with the state that this issue is <b>COMPLETED/CLOSED</b> 2/8/16 (Matrix Rvw) - CHECC requested to wait to close this task until they get an official approval for Medicare cost sharing.
19	1/29/2016	MDHHS	Children's Services	-	3, 4	Discretionary emergency funds aside from our regular flex fund sources (CP/CP, SFSC, etc.) for the following items:	High-1	M	X			Recovery	ACF EPA, SAMHSA, HUD Diana Hadzibegovic (TF Lead) Byron Mason	MI to decide if wants to use TANF funds	2/16/16 - (HTSF) - recommend closure and no further tracking by HRSA/CMS. 2/8/16 (HSTF) - ACF shared guidance with MDHHS on use of TANF non-recurrent, short-term benefits to help eligible families. Michigan has flexibility under the TANF program to offer a wider range of services or benefits in response to the situation in Flint. If Michigan does decide to offer new benefits or services not covered by its current TANF Plan, or decides to change the eligibility criteria for any benefits or services, it may do so by submitting a TANF Plan amendment.
19a	1/29/2016	MDHHS	Children's Services	-	3, 4	o Gas card clients need to have access to resources and attend medical appointments for follow up specific to lead exposure	High-1	M	X			Recovery	ACF EPA, SAMHSA, HUD Diana Hadzibegovic (TF Lead) Byron Mason	State to take action if desired	2/16/16 - (HTSF) - recommend closure and no further tracking by HRSA/CMS. 2/2/16-(HSTF) - ACF affirmed that the state can use Temporary Assistance for Needy Families (TANF) Non-Recurrent, Short Term funds to provide these services to respond to this emergency. State has been informed and can take action if desired.
19b	1/29/2016	MDHHS	Children's Services	-	3, 4	o Food cards-clients are using BRIDGE cards for water, leaving little left for food.	High-1	M	X			Recovery	ACF EPA, SAMHSA, HUD Diana Hadzibegovic (TF Lead) Byron Mason	State to take action if desired	2/16/16 - (HTSF) - recommend closure and no further tracking by HRSA/CMS. 2/2/16-(OASH email)-ACF has shared guidance with the Michigan DHHS regarding using TANF non-recurrent, short-term benefits (45 CFR 260.31(b)(1)) to help eligible families deal with a specific crisis situation. These could include short-term (i.e., 4 months or less) payments or vouchers to low-income families with children for purchase of bottled water; and gas cards/bus passes for these families. Michigan has
19c	1/29/2016	MDHHS	Children's Services	-	3, 4	o Bus passes-same purpose/intent as above.	High-1	M	X			Recovery	ACF EPA, SAMHSA, HUD Diana Hadzibegovic (TF Lead) Byron Mason	State to educate residents	2/16/16 - (HTSF) - recommend closure and no further tracking by HRSA/CMS. 2/3/16-(State Health Review)- State Health LNO believes this is educational issue for residents - BRIDGE cards are not needed for water (it's free) - crossover to ESF# 15 and education
20	1/29/2016	MDHHS	Children's Services	-	3, 4	Increase match temporarily with Title IV-E funds to support five additional staff for Child Welfare and Cash District offices to track, monitor and follow up with clients.	High-2	L	X			HSTF	ACF EPA, SAMHSA, HUD Diana Hadzibegovic (TF Lead) Byron Mason	No further action required.	2/10/16 (MIDHHS) - Moved 4 full-time equivalents to Flint and will draw down allowable IV-E reimbursement. <b>COMPLETED</b> . 2/8/16 - (HTSF) - ACF advised HSTF that ACF does not have statutory authority to increase match funding. ACF has not received an official/formal request from the state on this issue. The State must submit an official request to ACF, if it wants an official response.
25	1/29/2016	MDHHS	Children's Services	-	3, 4	Grant a limited term administrative rate increase to primary Placement Agency Foster Care (PAFC) contracts.	Low-4	L	X			Recovery	ACF EPA, SAMHSA, HUD Diana Hadzibegovic (TF Lead) Byron Mason	No further action required.	2/10/16 (MIDHHS) - Moved 4 full-time equivalents to Flint and will draw down allowable IV-E reimbursement. <b>COMPLETED</b> . 2/8/16 - (HTSF) - ACF advised HSTF that ACF does not have statutory authority to increase match funding. ACF has not received an official/formal request from the state on this issue. The State must submit an official request to ACF, if it wants an official response.
28-2	1/29/2016	MDHHS	Medical Services	-	3, 4	The State funded program "Healthy Homes" - currently at \$1.8M General Fund (GF), but this would allow Medicaid match for all GF. Abatement includes:	High-2	L	X			Recovery	CMS, HRSA Diana Hadzibegovic (TF Lead) Byron Mason	State taking applications	2/16/16 - (HTSF) - recommend closure of recovery effort and no further tracking by HRSA/CMS. 2/8/16 - (Matrix Rvw) - HUD affirmed its existing "Healthy Home" funding to state grantees (e.g., Housing Commission) can be utilized by the county to support lead abatement in homes, including in water. <b>State is taking action to identify/enroll</b>
28-2a	1/29/2016	MDHHS	Medical Services	-	3, 4	a. The removal of lead hazards, permanent enclosure or encapsulation of lead based paint, replacement of surfaces or fixtures, removal or covering of soil lead hazards, and all post-abatement clearance testing activities.	High-2	L	X			HSTF	CMS, HRSA Diana Hadzibegovic (TF Lead) Byron Mason	State to work with HUD to file applications	2/3/16-(HSTF)-Existing HUD Office of Lead Hazard Control and Healthy Homes grant to MI targets \$325K to Healthy Homes. Per HUD, funds can be used for lead hazards in water in homes. Abatement of lead based paint also eligible for HUD funding. <b>Closed</b>



28-2b	1/29/2016	MDHHS	Medical Services	-	3, 4	b. DSHPs are health programs funded by the state, many of which provide safety-net health care services for low-income or uninsured individuals such as adult day care, outpatient substance abuse treatment or care for the mentally ill who are not eligible for Medicaid. CMS has approved DSHP for use in states (e.g. OR), although not for lead abatement.	High-2	L	X					Recovery	CMS, HRSA	Diana Hadzibegovic (TF Lead) Byron Mason	State grantee to apply	2/16/16 - (HSTF) - grantee may apply funds if included in the original request to this application; recommend closure no further tracking by HRSA/CMS. 2/8/16 - (Matrix Rvw) - HRSA advised that Hamilton Community Health Network, to use existing funds to conduct workshops on (1) detecting behavioral health issues that may occur as a result of lead exposure; (2) healthy eating habits and educating participants about food with high levels of lead content; (3) and awareness of potential physical disabilities caused by lead exposure in children, HRSA advised that Genesee County Health Start, plans to hire an additional health educator to address community public health needs related to lead.
52	1/29/2016	MDHHS	Community/ Provider Engagement	-	3, 4	Assistance with recruitment and retention of pediatric health care professionals including behavioral health.	Medium 4	L	X				State	Recovery	HRSA	Diana Hadzibegovic (TF Lead) Byron Mason	Awaiting federal government's announcement on state's grant application.	2/16/16 - (HSTF) - state applied from grant, announcement expected by 2/19/16. 2/8/16 (Matrix Rvw) - HRSA grantees to submit application for supplemental funding; HSTF to provide state with list of eligible grantees. HRSA will provide guidance and support to its grantees on use of supplemental funding. HRSA can also provide subject matter expertise to the State via HRSA programs (e.g., National Health Service Corps) on how to recruit and retain physicians and nurses to an underserved area by offering loan forgiveness and other incentives. 2/4/16-(HSTF)-HRSA advised that it is exploring availability of one-time supplemental funding to address an immediate, unanticipated need. To receive this funding, grantees must submit a formal request to HRSA outlining how the funds would be
56	2/9/2016	HSTF	Community/ Provider Engagement	-		*** NOT AN OFFICIAL OBJECTIVE from State's request. Instead this is an opportunity that the HSTF identified during its operations.		L	X				State	Recovery	HRSA	Diana Hadzibegovic (TF Lead) Byron Mason	State needs to provide feedback on specific webinar training date desired; coordinate with CMS.	2/16/16 - (HSTF) - contacted the state on webinar requirements; waiting feedback on webinar need and/or training date. 2/9/16 (HSTF) - CMS is implementing a new Accountable Health Communities (AHC) Model, targeted at addressing health-related social needs, including: housing instability, food insecurity, utility needs, interpersonal violence, and transportation needs beyond medical transport. Successful applicants would receive funding in 2017. It is possible that one of the model's tracks may support longer-term case management needs.HSTF met with Genesee County Community Action Resource Department (CARD), an ACF grantee and advised GC CARD of CMS' new model.
State	1/26/2016	Genesee County	Technical Assistance	-	2, 4	Multi-Agency ResourceCenter (MARC). <b>State monitored project. Genesee County Health Department</b> to create sites in the community for "one stop shop" for human and social services. To include water distribution, filter distribution, education materials.	HIGH	S	X				State	State	OASH, ASPR	Mary Macqueen (MI-DHHS)		2/8/16 - (UCG) - CLOSED no further USG action. 2/5/16-(State Health Review)-MDHHS and State officials are determining next steps; no action at this time for USG assistance. MDHHS/ State EOC will provide next steps. 2/3/16-(State Health Review)-This is a state monitored project. County Health (GCHD) has the lead to establish MARC centers in the community. Request to federal govt is to provide some guidance on the development of these centers. This has been provided through the community assessment team. Goal is to not volunteer to
43	1/29/2016	MDHHS	Communications	-	2, 3, 4	Crisis communications response training for Department PIOs and leadership. 1:1 training - Barbara Reynolds to train state officials in Governor's Office and MI-DEQ.	High-5	S	X				PEATF		CDC/ATSDR (for science) All (depending on population being addressed)	John Smart (TF Lead) CDC JIC (Scheel)	Training is scheduled and will be completed by 18 Feb 16.	<b>TARGET END DATE: 18 Feb 16</b> 2/12/16 - (ATSDR) - provided state health department with CERC training materials. 2/11/16 - (Matrix Rvw) - State confirmed that trainings are scheduled and the task can be considered complete; <b>CLOSED</b> . 2/10/16 - (CHECC) Meetings on 12th 16th and 18th. 2/8/16 - (Matrix Rvw) - State JIC confirms February training dates; CHECC will only

**From:** CDC IMS JIC Lead -3  
**Sent:** 18 Feb 2016 12:03:42 +0000  
**To:** CDC IMS JIC Admin -2; CDC IMS Flint MI Policy; CDC IMS Flint MI Epi/Surv  
**Cc:** Somers, Tarah; Wolfe, Herbert (CDC/ONDIEH/NCEH); CDC IMS Flint MI Incident Manager; Waters, Kellee L. (CDC/OPHPR/DEO); CDC IMS JIC Admin; Cox, Joanne D. (CDC/OPHPR/DEO); Hutchins, David M. (CDC/OID/NCEZID)  
**Subject:** RE: Bathing - Talking points

Teammates,

I crosschecked this with the master document on EOMS and many of these are not captured as yet. We need the program clearance coordinators to confirm any possible clearance prior to the new matrix and notify [eocim3@cdc.gov](mailto:eocim3@cdc.gov) and [eocjicad@cdc.gov](mailto:eocjicad@cdc.gov) so that we can capture it in our master cleared file located on EOMS. If you need to research the status of talking points or other products, including previous use, please go to the following link:

<http://eoms.cdc.gov/DocumentLibrary.aspx?pg=184&lb=3209&fd=104450>

We appreciate your assistance and patience as we capture and build our cleared material records.

Bob Alvey  
JIC Leadership - 2016 Flint MI Response  
Centers for Disease Control and Prevention  
Agency for Toxic Substances and Disease Registry  
CDC/ATSDR Joint Information Center  
[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)

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**Sent:** Wednesday, February 17, 2016 9:05 PM  
**To:** Wolfe, Herbert (CDC/ONDIEH/NCEH); CDC IMS Flint MI Incident Manager; CDC IMS JIC Lead -3; Waters, Kellee L. (CDC/OPHPR/DEO)  
**Subject:** Bathing - Talking points

Below are some points about bathing and showering.

CDR Tarah Somers  
ATSDR Region 1  
Email: [tv4@cdc.gov](mailto:tv4@cdc.gov)  
617-918-1493 (w)  
703-505-7559 (c)

Begin forwarded message:

**From:** "Waters, Kellee L. (CDC/OPHPR/DEO)" <[kuw7@cdc.gov](mailto:kuw7@cdc.gov)>  
**Date:** February 17, 2016 at 8:28:51 PM EST  
**To:** "Somers, Tarah (EPA) (CDC [epamail.epa.gov](mailto:epamail.epa.gov))" <[somers.tarah@epamail.epa.gov](mailto:somers.tarah@epamail.epa.gov)>



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These are the FAQs, including our input on bathing. I don't know if they're cleared. Still waiting to hear.

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**To:** Wigington, Pamela S. (CDC/ONDIEH/NCEH); Cope, Cristina (ATSDR/OCOM/HCT)  
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**Subject:** Re: Talking points for Saturday

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**Cc:** Waters, Kellee L. (CDC/OPHPR/DEO)  
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Pam Wigington/via webmail

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**Cc:** JIC/Flint ([eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)); Jones, Nadonnia (CDC/ONDIEH/NCEH); Scheel, Christian (CDC/ONDIEH/NCEH); Cope, Cristina (ATSDR/OCOM/HCT); Alvey, Robert (CDC/OPHPR/DEO); Briseno, Lisa (CDC/OPHPR/DEO); Waters, Kellee L. (CDC/OPHPR/DEO)  
**Subject:** RE: Talking points for Saturday

Hi, Susan,

Here you go.

Question	Response/Referral
1. Is it safe for adults to shower or bathe with Flint water?	(b)(5)

	(b)(5)
2. Can babies be bathed in tap water?	
3. What are normal levels of chlorine?	
4. Are you testing for just lead, or other elements as well?	
5. Is this lead issue going to continue until all pipes are replaced?	
6. Washing dishes and doing laundry with unfiltered water. Is it safe?	
7. Rashes, dermatitis and other skin issues after bathing with tap water.	
8. My clothes are itchy, is this the result of washing them with contaminated water?	
9. Do showers need filters?	
10. Lack of information from the media.	
11. What happened at the water treatment plant	
12. Why are you using ortho-phosphate instead of replacing the pipes?	
13. Does contaminated water cause skin	

cancer?	(b)(5)
14. Is the contaminated water going to destroy my vital organs?	
15. Does the contaminated water dry out your skin and scalp?	
16. No one, including the media, water plant chemist, city or state in the beginning are we suppose to be thankful now because you're here?	
17. The pipes have been disenigrating for years, the water problem has been here for a long time once you leave it will be the same thing, how are you going to make sure the city is doing the right thing?	
18. Is EPA going to start providing filters for the showers?	
19. Why are we still getting water bills from the city?	
20. When will the water be safe to drink?	
21. How do you pick which resident house you sample?	
22. Are the old cartridges recyable?	
23. Who can tell me what type of pipes are in my home?	
24. Virginia Tech need to let us know if EPA will be following up with us on the samples they took.	
25. Will lead be in the soil from watering the grass last year?	

	(b)(5)
26. Many residents in Flint can fruit and vegetables they grow in their yards, then they sell the merchandise to neighbors, at farmers markets, they give them away as gifts etc... should we stop?	
27. Pitcher filters come with a TDS "tester". Does it measure lead? Why does the tester light up when it's used with tap and even bottled water.	
28. Does contaminated water cause infertility?	
29. Is there any type of information available regarding if you are having a baby and have been drinking this water all this time, that they will give free services to your child if your child have a lot of health problems?	
30. Virginia Tech has already been here, and are the only people we trust. Why are you here?	

**Pam Wigington**

Associate Director for Communication || Division of Emergency and Environmental Health Services (DEEHS) ||  
 CDC/National Center for Environmental Health  
 Office: 770-488-4599 || Email: [piw4@cdc.gov](mailto:piw4@cdc.gov) || Cell: 404-717-2069

**I telework on Tuesdays, Thursdays, and alternate Fridays. Today I am teleworking until 2:30 p.m. \*\*Call my office # to reach me\*\***

**From:** McBreairty, Susan J. (ATSDR/OCOM)

**Sent:** Thursday, February 11, 2016 8:11 AM

**To:** Wigington, Pamela S. (CDC/ONDIEH/NCEH) <[piw4@cdc.gov](mailto:piw4@cdc.gov)>; Cope, Cristina (ATSDR/OCOM/HCT) <[kcu1@cdc.gov](mailto:kcu1@cdc.gov)>

**Cc:** CDC IMS JIC Lead -3 <[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)>; Jones, Nadonna (CDC/ONDIEH/NCEH) <[gni5@cdc.gov](mailto:gni5@cdc.gov)>; Scheel, Christian (CDC/ONDIEH/NCEH) <[bjn2@cdc.gov](mailto:bjn2@cdc.gov)>; Alvey, Robert (CDC/OPHPR/DEO) <[yqw9@cdc.gov](mailto:yqw9@cdc.gov)>; Briseno, Lisa (CDC/OPHPR/DEO) <[hsi0@cdc.gov](mailto:hsi0@cdc.gov)>; Waters, Kellee L. (CDC/OPHPR/DEO) <[kuw7@cdc.gov](mailto:kuw7@cdc.gov)>

**Subject:** FW: Talking points for Saturday

Hi Pam, am checking in to see if your shop has worked on FAQs; particularly the list in the email trail below. If not, do you know who we can follow up with?



Looking for input by COB today. Thanks for your help. – Susan

JIC Leadership - 2016 Flint Water Response  
Centers for Disease Control and Prevention  
Agency for Toxic Substances and Disease Registry  
CDC/ATSDR Joint Information Center  
[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)

---

**From:** CDC IMS JIC Lead -3  
**Sent:** Thursday, February 11, 2016 7:22:15 AM (UTC-05:00) Eastern Time (US & Canada)  
**To:** Briseno, Lisa (CDC/OPHPR/DEO)  
**Cc:** Scheel, Christian (CDC/ONDIEH/NCEH); CDC IMS JIC Admin  
**Subject:** RE: Talking points for Saturday

Thanks. Is there anyone who is cross-checking these questions against cleared answers?

Bob Alvey  
JIC Leadership - 2016 Flint MI Response  
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[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)

---

**From:** Cassell, Peter  
**Sent:** Sunday, February 07, 2016 11:56:35 AM (UTC-05:00) Eastern Time (US & Canada)  
**To:** Michael, Gretchen (OS/ASPR/COO); Jacqueline Chandler;  
[keshwa.waites@fema.dhs.gov](mailto:keshwa.waites@fema.dhs.gov); (b)(6); CDC IMS JIC Lead -3  
**Cc:** Russell, Diane; Kelley, Jeff; Grantham, Nancy; Abrams, Dan; Lee, Monica; Nowotarski, Allison  
**Subject:** Fw: FAQ

Hey all -

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Thanks!  
Pete Cassell

---

Frequently Asked Questions

\* Is it safe for adults to shower or bathe with Flint water?

- \* Can babies be bathed in tap water?
- \* What are normal levels of chlorine?
- \* Are you testing for just lead, or other elements as well?
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**Sent:** 18 Feb 2016 13:21:28 +0000  
**To:** CDC IMS Flint MI Incident Manager  
**Cc:** CDC IMS JIC Lead -3; CDC IMS JIC Admin -2; CDC IMS Flint MI Policy; CDC IMS Flint MI Epi/Surv; Somers, Tarah S. (ATSDR/DCHI/EB); Wolfe, Herbert (CDC/ONDIEH/NCEH); Waters, Kellee L. (CDC/OPHPR/DEO); CDC IMS JIC Admin; Cox, Joanne D. (CDC/OPHPR/DEO); Hutchins, David M. (CDC/OID/NCEZID)  
**Subject:** Re: Bathing - Talking points

Yes, my understanding is it is for the Secretary today. Meeting is at about 10:30 and Dr Byessee is attending.

CDR Tarah Somers  
ATSDR Region 1  
Email: [tv44@cdc.gov](mailto:tv44@cdc.gov)  
617-918-1493 (w)  
703-505-7559 (c)

On Feb 18, 2016, at 8:01 AM, CDC IMS Flint MI Incident Manager <[eocim3@cdc.gov](mailto:eocim3@cdc.gov)> wrote:

Tarah/Herb,

Can you please clarify the "ask"? I have attached the clearance request form so that we understand exactly what is needed. Are talking points on showering and bathing needed for a 2/18 meeting with the Secretary? If so, what time is the meeting and who else will be attending? If only bathing and showering is needed, we will focus on clearing on those questions this morning.

Thanks.  
Amanda

---

**From:** CDC IMS JIC Lead -3  
**Sent:** Thursday, February 18, 2016 7:03 AM  
**To:** CDC IMS JIC Admin -2; CDC IMS Flint MI Policy; CDC IMS Flint MI Epi/Surv  
**Cc:** Somers, Tarah (EPA) (CDC [epamail.epa.gov](mailto:epamail.epa.gov)); Wolfe, Herbert (CDC/ONDIEH/NCEH); CDC IMS Flint MI Incident Manager; Waters, Kellee L. (CDC/OPHPR/DEO); CDC IMS JIC Admin; Cox, Joanne D. (CDC/OPHPR/DEO); Hutchins, David M. (CDC/OID/NCEZID)  
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Bob Alvey  
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Email: [tv4@cdc.gov](mailto:tv4@cdc.gov)  
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**Subject:** RE: Talking points for Saturday

Hi, Susan,

Here you go.

Question	Response/Referral
1. Is it safe for adults to shower or bathe with Flint water?	(b)(5)
2. Can babies be bathed in tap water?	



	(b)(5)
3. What are normal levels of chlorine?	
4. Are you testing for just lead, or other elements as well?	
5. Is this lead issue going to continue until all pipes are replaced?	
6. Washing dishes and doing laundry with unfiltered water. Is it safe?	
7. Rashes, dermatitis and other skin issues after bathing with tap water.	
8. My clothes are itchy, is this the result of washing them with contaminated water?	
9. Do showers need filters?	
10. Lack of information from the media.	
11. What happened at the water treatment plant	
12. Why are you using ortho-phosphate instead of replacing the pipes?	
13. Does contaminated water cause skin cancer?	

	(b)(5)
14. Is the contaminated water going to destroy my vital organs?	
15. Does the contaminated water dry out your skin and scalp?	
16. No one, including the media, water plant chemist, city or state in the beginning are we suppose to be thankful now because you're here?	
17. The pipes have been disenigrating for years, the water problem has been here for a long time once you leave it will be the same thing, how are you going to make sure the city is doing the right thing?	
18. Is EPA going to start providing filters for the showers?	
19. Why are we still getting water bills from the city?	
20. When will the water be safe to drink?	
21. How do you pick which resident house you sample?	
22. Are the old cartridges recyable?	
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25. Will lead be in the soil from watering the grass last year?	(b)(5)
26. Many residents in Flint can fruit and vegetables they grow in their yards, then they sell the merchandise to neighbors, at farmers markets, they give them away as gifts etc... should we stop?	
27. Pitcher filters come with a TDS "tester". Does it measure lead? Why does the tester light up when it's used with tap and even bottled water.	
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30. Virginia Tech has already been here, and are the only people we trust. Why are you here?	

***Pam Wigington***

Associate Director for Communication || Division of Emergency and Environmental Health Services (DEEHS) || CDC/National Center for Environmental Health  
Office: 770-488-4599 || Email: [piw4@cdc.gov](mailto:piw4@cdc.gov) || Cell: 404-717-2069

I telework on Tuesdays, Thursdays, and alternate Fridays. Today I am teleworking until 2:30 p.m. **\*\*Call my office # to reach me\*\***

**From:** McBreairty, Susan J. (ATSDR/OCOM)

**Sent:** Thursday, February 11, 2016 8:11 AM

**To:** Wigington, Pamela S. (CDC/ONDIEH/NCEH) <[piw4@cdc.gov](mailto:piw4@cdc.gov)>; Cope, Cristina (ATSDR/OCOM/HCT) <[kcu1@cdc.gov](mailto:kcu1@cdc.gov)>

**Cc:** CDC IMS JIC Lead -3 <[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)>; Jones, Nadonnia

(CDC/ONDIEH/NCEH) <[gni5@cdc.gov](mailto:gni5@cdc.gov)>; Scheel, Christian  
(CDC/ONDIEH/NCEH) <[bjn2@cdc.gov](mailto:bjn2@cdc.gov)>; Alvey, Robert  
(CDC/OPHPR/DEO) <[yqw9@cdc.gov](mailto:yqw9@cdc.gov)>; Briseno, Lisa  
(CDC/OPHPR/DEO) <[hsi0@cdc.gov](mailto:hsi0@cdc.gov)>; Waters, Kellee L.  
(CDC/OPHPR/DEO) <[kuw7@cdc.gov](mailto:kuw7@cdc.gov)>

**Subject:** FW: Talking points for Saturday

Hi Pam, am checking in to see if your shop has worked on FAQs;  
particularly the list in the email trail below. If not, do you know who  
we can follow up with?

Looking for input by COB today. Thanks for your help. – Susan

JIC Leadership - 2016 Flint Water Response  
Centers for Disease Control and Prevention  
Agency for Toxic Substances and Disease Registry  
CDC/ATSDR Joint Information Center  
[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)

---

**From:** CDC IMS JIC Lead -3  
**Sent:** Thursday, February 11, 2016 7:22:15 AM (UTC-05:00) Eastern  
Time (US & Canada)  
**To:** Briseno, Lisa (CDC/OPHPR/DEO)  
**Cc:** Scheel, Christian (CDC/ONDIEH/NCEH); CDC IMS JIC Admin  
**Subject:** RE: Talking points for Saturday

Thanks. Is there anyone who is cross-checking these questions  
against cleared answers?

Bob Alvey  
JIC Leadership - 2016 Flint MI Response  
Centers for Disease Control and Prevention  
Agency for Toxic Substances and Disease Registry  
CDC/ATSDR Joint Information Center  
[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)

---

**From:** Cassell, Peter  
**Sent:** Sunday, February 07, 2016 11:56:35 AM (UTC-05:00) Eastern  
Time (US & Canada)  
**To:** Michael, Gretchen (OS/ASPR/COO); Jacqueline Chandler;  
[keshwa.waites@fema.dhs.gov](mailto:keshwa.waites@fema.dhs.gov); (b)(6) CDC IMS  
JIC Lead -3  
**Cc:** Russell, Diane; Kelley, Jeff; Grantham, Nancy; Abrams, Dan; Lee,  
Monica; Nowotarski, Allison  
**Subject:** Fw: FAQ

Hey all -



Our community involvement group has put together a list of questions from residents they have been speaking to as we have been here in Flint. Please pass this along to anyone else in the UCG looking to understand the "pulse" of the community.

Thanks!  
Pete Cassell

---

#### Frequently Asked Questions

- \* Is it safe for adults to shower or bathe with Flint water?
- \* Can babies be bathed in tap water?
- \* What are normal levels of chlorine?
- \* Are you testing for just lead, or other elements as well?
- \* Is this lead issue going to continue until all pipes are replaced?
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- \* Does contaminated water cause skin cancer?
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- \* Is EPA going to start providing filters for the showers?
- \* Why are we still getting water bills from the city?
- \* When will the water be safe to drink?
- \* How do you pick which resident house you sample?
- \* Are the old cartridges recyable?
- \* Who can tell me what type of pipes are in my home?
- \* Virginia Tech need to let us know if EPA will be following up with us on the samples they took.
- \* Will lead be in the soil from watering the grass last year?
- \* Many residents in Flint can fruit and vegetables they grow in their yards, then they sell the merchandise to neighbors, at farmers markets, they give them away as gifts etc... should we stop?

\* Pitcher filters come with a TDS "tester". Does it measure lead? Why does the tester light up when it's used with tap and even bottled water.

\* Does contaminated water cause infertility?

\* Is there any type of information available regarding if you are having a baby and have been drinking this water all this time, that they will give free services to your child if your child have a lot of health problems?

\* Virginia Tech has already been here, and are the only people we trust. Why are you here?

<2016\_Flint\_Clearance Request Form\_2 11 16.docx>

**From:** Somers, Tarah  
**Sent:** 18 Feb 2016 13:21:28 +0000  
**To:** CDC IMS Flint MI Incident Manager  
**Cc:** CDC IMS JIC Lead -3; CDC IMS JIC Admin -2; CDC IMS Flint MI Policy; CDC IMS Flint MI Epi/Surv; Somers, Tarah S. (ATSDR/DCHI/EB); Wolfe, Herbert (CDC/ONDIEH/NCEH); Waters, Kellee L. (CDC/OPHPR/DEO); CDC IMS JIC Admin; Cox, Joanne D. (CDC/OPHPR/DEO); Hutchins, David M. (CDC/OID/NCEZID)  
**Subject:** Re: Bathing - Talking points

Yes, my understanding is it is for the Secretary today. Meeting is at about 10:30 and Dr Byessee is attending.

CDR Tarah Somers  
ATSDR Region 1  
Email: [tv44@cdc.gov](mailto:tv44@cdc.gov)  
617-918-1493 (w)  
703-505-7559 (c)

On Feb 18, 2016, at 8:01 AM, CDC IMS Flint MI Incident Manager <[eocim3@cdc.gov](mailto:eocim3@cdc.gov)> wrote:

Tarah/Herb,

Can you please clarify the "ask"? I have attached the clearance request form so that we understand exactly what is needed. Are talking points on showering and bathing needed for a 2/18 meeting with the Secretary? If so, what time is the meeting and who else will be attending? If only bathing and showering is needed, we will focus on clearing on those questions this morning.

Thanks.  
Amanda

---

**From:** CDC IMS JIC Lead -3  
**Sent:** Thursday, February 18, 2016 7:03 AM  
**To:** CDC IMS JIC Admin -2; CDC IMS Flint MI Policy; CDC IMS Flint MI Epi/Surv  
**Cc:** Somers, Tarah (EPA) (CDC [epamail.epa.gov](mailto:epamail.epa.gov)); Wolfe, Herbert (CDC/ONDIEH/NCEH); CDC IMS Flint MI Incident Manager; Waters, Kellee L. (CDC/OPHPR/DEO); CDC IMS JIC Admin; Cox, Joanne D. (CDC/OPHPR/DEO); Hutchins, David M. (CDC/OID/NCEZID)  
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Teammates,

I crosschecked this with the master document on EOMS and many of these are not captured as yet. We need the program clearance coordinators to confirm any possible clearance prior to the new matrix and notify [eocim3@cdc.gov](mailto:eocim3@cdc.gov) and [eocjicad@cdc.gov](mailto:eocjicad@cdc.gov) so that we can capture it in our master cleared file located on EOMS. If you need to research the status of talking points or other products, including previous use, please go to the following link:

<http://eoms.cdc.gov/DocumentLibrary.aspx?pg=184&lb=3209&fd=104450>

We appreciate your assistance and patience as we capture and build our cleared material records.

Bob Alvey  
JIC Leadership - 2016 Flint MI Response  
Centers for Disease Control and Prevention  
Agency for Toxic Substances and Disease Registry  
CDC/ATSDR Joint Information Center  
[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)

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**From:** Somers, Tarah (EPA) (CDC [epamail.epa.gov](mailto:epamail.epa.gov))  
**Sent:** Wednesday, February 17, 2016 9:05 PM  
**To:** Wolfe, Herbert (CDC/ONDIEH/NCEH); CDC IMS Flint MI Incident Manager; CDC IMS JIC Lead -3; Waters, Kellee L. (CDC/OPHPR/DEO)  
**Subject:** Bathing - Talking points

Below are some points about bathing and showering.

CDR Tarah Somers  
ATSDR Region 1  
Email: [tns4@cdc.gov](mailto:tns4@cdc.gov)  
617-918-1493 (w)  
703-505-7559 (c)

Begin forwarded message:

**From:** "Waters, Kellee L. (CDC/OPHPR/DEO)"  
<[kuw7@cdc.gov](mailto:kuw7@cdc.gov)>  
**Date:** February 17, 2016 at 8:28:51 PM EST  
**To:** "Somers, Tarah (EPA) (CDC [epamail.epa.gov](mailto:epamail.epa.gov))"  
<[somers.tarah@epamail.epa.gov](mailto:somers.tarah@epamail.epa.gov)>  
**Subject:** Fw: Talking points for Saturday

These are the FAQs, including our input on bathing. I don't know of they're cleared. Still waiting to hear.

Sent from my BlackBerry 10 smartphone.

**From:** Buchanan, Sharunda D. (CDC/ONDIEH/NCEH) <[sdb4@cdc.gov](mailto:sdb4@cdc.gov)>  
**Sent:** Wednesday, February 17, 2016 7:23 PM  
**To:** Wigington, Pamela S. (CDC/ONDIEH/NCEH); Cope, Cristina (ATSDR/OCOM/HCT)  
**Cc:** Waters, Kellee L. (CDC/OPHPR/DEO)  
**Subject:** Re: Talking points for Saturday



Thanks, Pam!

Sent from my BlackBerry 10 smartphone.

**From:** Wigington, Pamela S. (CDC/ONDIEH/NCEH)  
**Sent:** Wednesday, February 17, 2016 6:56 PM  
**To:** Buchanan, Sharunda D. (CDC/ONDIEH/NCEH); Cope, Cristina (ATSDR/OCOM/HCT)  
**Cc:** Waters, Kellee L. (CDC/OPHPR/DEO)  
**Subject:** FW: Talking points for Saturday

Was the "30 questions" email.

Pam Wigington/via webmail

---

**From:** Wigington, Pamela S. (CDC/ONDIEH/NCEH)  
**Sent:** Thursday, February 11, 2016 2:35 PM  
**To:** McBreaity, Susan J. (ATSDR/OCOM)  
**Cc:** JIC/Flint ([eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)); Jones, Nadonna (CDC/ONDIEH/NCEH); Scheel, Christian (CDC/ONDIEH/NCEH); Cope, Cristina (ATSDR/OCOM/HCT); Alvey, Robert (CDC/OPHPR/DEO); Briseno, Lisa (CDC/OPHPR/DEO); Waters, Kellee L. (CDC/OPHPR/DEO)  
**Subject:** RE: Talking points for Saturday

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Here you go.

Question	Response/Referral
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Office: 770-488-4599 || Email: [piw4@cdc.gov](mailto:piw4@cdc.gov) || Cell: 404-717-2069

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**Sent:** Thursday, February 11, 2016 8:11 AM

**To:** Wigington, Pamela S. (CDC/ONDIEH/NCEH) <[piw4@cdc.gov](mailto:piw4@cdc.gov)>; Cope, Cristina (ATSDR/OCOM/HCT) <[kcu1@cdc.gov](mailto:kcu1@cdc.gov)>

**Cc:** CDC IMS JIC Lead -3 <[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)>; Jones, Nadonnia



(CDC/ONDIEH/NCEH) <[gni5@cdc.gov](mailto:gni5@cdc.gov)>; Scheel, Christian  
(CDC/ONDIEH/NCEH) <[bjn2@cdc.gov](mailto:bjn2@cdc.gov)>; Alvey, Robert  
(CDC/OPHPR/DEO) <[yqw9@cdc.gov](mailto:yqw9@cdc.gov)>; Briseno, Lisa  
(CDC/OPHPR/DEO) <[hsi0@cdc.gov](mailto:hsi0@cdc.gov)>; Waters, Kellee L.  
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Agency for Toxic Substances and Disease Registry  
CDC/ATSDR Joint Information Center  
[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)

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**Subject:** RE: Talking points for Saturday

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Centers for Disease Control and Prevention  
Agency for Toxic Substances and Disease Registry  
CDC/ATSDR Joint Information Center  
[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)

---

**From:** Cassell, Peter  
**Sent:** Sunday, February 07, 2016 11:56:35 AM (UTC-05:00) Eastern  
Time (US & Canada)  
**To:** Michael, Gretchen (OS/ASPR/COO); Jacqueline Chandler;  
[keshwa.waites@fema.dhs.gov](mailto:keshwa.waites@fema.dhs.gov); (b)(6) CDC IMS  
JIC Lead -3  
**Cc:** Russell, Diane; Kelley, Jeff; Grantham, Nancy; Abrams, Dan; Lee,  
Monica; Nowotarski, Allison  
**Subject:** Fw: FAQ

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**From:** Wolfe, Herbert (CDC/ONDIEH/NCEH)  
**Sent:** 18 Feb 2016 13:43:30 +0000  
**To:** Somers, Tarah  
**Cc:** CDC IMS Flint MI Incident Manager; CDC IMS JIC Lead -3; CDC IMS JIC Admin -2; CDC IMS Flint MI Policy; CDC IMS Flint MI Epi/Surv; Somers, Tarah S. (ATSDR/DCHI/EB); Waters, Kellee L. (CDC/OPHPR/DEO); CDC IMS JIC Admin; Cox, Joanne D. (CDC/OPHPR/DEO); Hutchins, David M. (CDC/OID/NCEZID)  
**Subject:** Re: Bathing - Talking points

We are all set - thanks!

Sent from my iPhone

On Feb 18, 2016, at 08:21, Somers, Tarah (EPA) (CDC [epamail.epa.gov](mailto:epamail.epa.gov)) <[somers.tarah@epamail.epa.gov](mailto:somers.tarah@epamail.epa.gov)> wrote:

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**Sent:** Thursday, February 18, 2016 7:03 AM  
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**Cc:** Somers, Tarah (EPA) (CDC [epamail.epa.gov](mailto:epamail.epa.gov)); Wolfe, Herbert (CDC/ONDIEH/NCEH); CDC IMS Flint MI Incident Manager; Waters, Kellee L. (CDC/OPHPR/DEO); CDC IMS JIC Admin; Cox, Joanne D.



(CDC/OPHPR/DEO); Hutchins, David M. (CDC/OID/NCEZID)

**Subject:** RE: Bathing - Talking points

Teammates,

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JIC Leadership - 2016 Flint MI Response

Centers for Disease Control and Prevention

Agency for Toxic Substances and Disease Registry

CDC/ATSDR Joint Information Center

[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)

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**Sent:** Wednesday, February 17, 2016 9:05 PM

**To:** Wolfe, Herbert (CDC/ONDIEH/NCEH); CDC IMS Flint MI Incident Manager; CDC IMS JIC Lead -3; Waters, Kellee L. (CDC/OPHPR/DEO)

**Subject:** Bathing - Talking points

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CDR Tarah Somers

ATSDR Region 1

Email: [tv4@cdc.gov](mailto:tv4@cdc.gov)

617-918-1493 (w)

703-505-7559 (c)

Begin forwarded message:

**From:** "Waters, Kellee L. (CDC/OPHPR/DEO)"

[<kuw7@cdc.gov>](mailto:kuw7@cdc.gov)

**Date:** February 17, 2016 at 8:28:51 PM EST

**To:** "Somers, Tarah (EPA) (CDC [epamail.epa.gov](mailto:epamail.epa.gov))"

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**Cc:** Waters, Kellee L. (CDC/OPHPR/DEO)  
**Subject:** Re: Talking points for Saturday

Thanks, Pam!

Sent from my BlackBerry 10 smartphone.

**From:** Wigington, Pamela S. (CDC/ONDIEH/NCEH)  
**Sent:** Wednesday, February 17, 2016 6:56 PM  
**To:** Buchanan, Sharunda D. (CDC/ONDIEH/NCEH); Cope, Cristina (ATSDR/OCOM/HCT)  
**Cc:** Waters, Kellee L. (CDC/OPHPR/DEO)  
**Subject:** FW: Talking points for Saturday

Was the "30 questions" email.

Pam Wigington/via webmail

---

**From:** Wigington, Pamela S. (CDC/ONDIEH/NCEH)  
**Sent:** Thursday, February 11, 2016 2:35 PM  
**To:** McBreaity, Susan J. (ATSDR/OCOM)  
**Cc:** JIC/Flint ([eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)); Jones, Nadonna (CDC/ONDIEH/NCEH); Scheel, Christian (CDC/ONDIEH/NCEH); Cope, Cristina (ATSDR/OCOM/HCT); Alvey, Robert (CDC/OPHPR/DEO); Briseno, Lisa (CDC/OPHPR/DEO); Waters, Kellee L. (CDC/OPHPR/DEO)  
**Subject:** RE: Talking points for Saturday

Hi, Susan,

Here you go.

Question	Response/Referral
1. Is it safe for adults to shower or bathe with Flint water?	(b)(5)

	(b)(5)
2. Can babies be bathed in tap water?	
3. What are normal levels of chlorine?	
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9. Do showers need filters?	

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10. Lack of information from the media.	
11. What happened at the water treatment plant	
12. Why are you using ortho-phosphate instead of replacing the pipes?	
13. Does contaminated water cause skin cancer?	
14. Is the contaminated water going to destroy my vital organs?	
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16. No one, including the media, water plant chemist, city or state in the beginning are we suppose to be thankful now because you're here?	
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19. Why are we still getting water bills from the city?	
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28. Does contaminated water cause infertility?	

29. Is there any type of information available regarding if you are having a baby and have been drinking this water all this time, that they will give free services to your child if your child have a lot of health problems?	(b)(5)
30. Virginia Tech has already been here, and are the only people we trust. Why are you here?	

**Pam Wigington**

Associate Director for Communication || Division of Emergency and Environmental Health Services (DEEHS) || CDC/National Center for Environmental Health  
Office: 770-488-4599 || Email: [piw4@cdc.gov](mailto:piw4@cdc.gov) || Cell: 404-717-2069

I telework on Tuesdays, Thursdays, and alternate Fridays. Today I am teleworking until 2:30 p.m. **\*\*Call my office # to reach me\*\***

**From:** McBreaity, Susan J. (ATSDR/OCOM)

**Sent:** Thursday, February 11, 2016 8:11 AM

**To:** Wigington, Pamela S. (CDC/ONDIEH/NCEH)  
<[piw4@cdc.gov](mailto:piw4@cdc.gov)>; Cope, Cristina (ATSDR/OCOM/HCT)  
<[kcu1@cdc.gov](mailto:kcu1@cdc.gov)>

**Cc:** CDC IMS JIC Lead -3 <[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)>; Jones, Nadonna (CDC/ONDIEH/NCEH) <[gni5@cdc.gov](mailto:gni5@cdc.gov)>; Scheel, Christian (CDC/ONDIEH/NCEH) <[bjn2@cdc.gov](mailto:bjn2@cdc.gov)>; Alvey, Robert (CDC/OPHPR/DEO) <[yqw9@cdc.gov](mailto:yqw9@cdc.gov)>; Briseno, Lisa (CDC/OPHPR/DEO) <[hsi0@cdc.gov](mailto:hsi0@cdc.gov)>; Waters, Kellee L. (CDC/OPHPR/DEO) <[kuw7@cdc.gov](mailto:kuw7@cdc.gov)>

**Subject:** FW: Talking points for Saturday

Hi Pam, am checking in to see if your shop has worked on FAQs; particularly the list in the email trail below. If not, do you know who we can follow up with?  
Looking for input by COB today. Thanks for your help. – Susan

JIC Leadership - 2016 Flint Water Response  
Centers for Disease Control and Prevention  
Agency for Toxic Substances and Disease Registry  
CDC/ATSDR Joint Information Center  
[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)

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**From:** CDC IMS JIC Lead -3  
**Sent:** Thursday, February 11, 2016 7:22:15 AM (UTC-05:00) Eastern Time (US & Canada)  
**To:** Briseno, Lisa (CDC/OPHPR/DEO)  
**Cc:** Scheel, Christian (CDC/ONDIEH/NCEH); CDC IMS JIC Admin  
**Subject:** RE: Talking points for Saturday

Thanks. Is there anyone who is cross-checking these questions against cleared answers?

Bob Alvey  
JIC Leadership - 2016 Flint MI Response  
Centers for Disease Control and Prevention  
Agency for Toxic Substances and Disease Registry  
CDC/ATSDR Joint Information Center  
[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)

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**From:** Cassell, Peter  
**Sent:** Sunday, February 07, 2016 11:56:35 AM (UTC-05:00) Eastern Time (US & Canada)  
**To:** Michael, Gretchen (OS/ASPR/COO); Jacqueline Chandler; [kesha.waites@fema.dhs.gov](mailto:kesha.waites@fema.dhs.gov);  
(b)(6); CDC IMS JIC Lead -3  
**Cc:** Russell, Diane; Kelley, Jeff; Grantham, Nancy; Abrams, Dan; Lee, Monica; Nowotarski, Allison  
**Subject:** Fw: FAQ

Hey all -

Our community involvement group has put together a list of questions from residents they have been speaking to as we have been here in Flint. Please pass this along to anyone else in the UCG looking to understand the "pulse" of the community.

Thanks!  
Pete Cassell

---

#### Frequently Asked Questions

- \* Is it safe for adults to shower or bathe with Flint water?
- \* Can babies be bathed in tap water?
- \* What are normal levels of chlorine?

- \* Are you testing for just lead, or other elements as well?
- \* Is this lead issue going to continue until all pipes are replaced?
- \* Washing dishes and doing laundry with unfiltered water. Is it safe?
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- \* Does the contaminated water dry out your skin and scalp?
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- \* Why are we still getting water bills from the city?
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- \* Pitcher filters come with a TDS "tester". Does it measure lead? Why does the tester light up when it's used with tap and even bottled water.
- \* Does contaminated water cause infertility?
- \* Is there any type of information available regarding if you are having a baby and have been drinking this



water all this time, that they will give free services to your child if your child have a lot of health problems?  
\* Virginia Tech has already been here, and are the only people we trust. Why are you here?

<2016\_Flint\_Clearance Request Form\_2 11 16.docx>

**From:** Waters, Kellee L. (CDC/OPHPR/DEO)  
**Sent:** 18 Feb 2016 14:26:49 +0000  
**To:** Somers, Tarah; CDC IMS Flint MI Incident Manager  
**Cc:** CDC IMS JIC Lead -3; CDC IMS JIC Admin -2; CDC IMS Flint MI Policy; CDC IMS Flint MI Epi/Surv; Somers, Tarah S. (ATSDR/DCHI/EB); Wolfe, Herbert (CDC/ONDIEH/NCEH); CDC IMS JIC Admin; Cox, Joanne D. (CDC/OPHPR/DEO); Hutchins, David M. (CDC/OID/NCEZID)  
**Subject:** RE: Bathing - Talking points

All,

(b)(5)

Many thanks,  
Kellee

---

**From:** Somers, Tarah (EPA) (CDC epamail.epa.gov)  
**Sent:** Thursday, February 18, 2016 8:21 AM  
**To:** CDC IMS Flint MI Incident Manager <eocim3@cdc.gov>  
**Cc:** CDC IMS JIC Lead -3 <eocjlead3@cdc.gov>; CDC IMS JIC Admin -2 <eocjcad2@cdc.gov>; CDC IMS Flint MI Policy <eocopschief2@cdc.gov>; CDC IMS Flint MI Epi/Surv <eocevent105@cdc.gov>; Somers, Tarah S. (ATSDR/DCHI/EB) <tvs4@cdc.gov>; Wolfe, Herbert (CDC/ONDIEH/NCEH) <ywh2@cdc.gov>; Waters, Kellee L. (CDC/OPHPR/DEO) <kuw7@cdc.gov>; CDC IMS JIC Admin <eocjcad@cdc.gov>; Cox, Joanne D. (CDC/OPHPR/DEO) <vzc6@cdc.gov>; Hutchins, David M. (CDC/OID/NCEZID) <dbh0@cdc.gov>  
**Subject:** Re: Bathing - Talking points

Yes, my understanding is it is for the Secretary today. Meeting is at about 10:30 and Dr Byessee is attending.

CDR Tarah Somers  
ATSDR Region 1  
Email: [tvs4@cdc.gov](mailto:tvs4@cdc.gov)  
617-918-1493 (w)  
703-505-7559 (c)

On Feb 18, 2016, at 8:01 AM, CDC IMS Flint MI Incident Manager <[eocim3@cdc.gov](mailto:eocim3@cdc.gov)> wrote:

Tarah/Herb,

Can you please clarify the "ask"? I have attached the clearance request form so that we understand exactly what is needed. Are talking points on showering and bathing needed for a 2/18 meeting with the Secretary? If so, what time is the meeting and who else will be attending? If only bathing and showering is needed, we will focus on clearing on those questions this morning.

Thanks.  
Amanda

---

**From:** CDC IMS JIC Lead -3

**Sent:** Thursday, February 18, 2016 7:03 AM

**To:** CDC IMS JIC Admin -2; CDC IMS Flint MI Policy; CDC IMS Flint MI Epi/Surv

**Cc:** Somers, Tarah (EPA) (CDC [epamail.epa.gov](mailto:epamail.epa.gov)); Wolfe, Herbert (CDC/ONDIEH/NCEH); CDC IMS Flint MI Incident Manager; Waters, Kellee L. (CDC/OPHPR/DEO); CDC IMS JIC Admin; Cox, Joanne D. (CDC/OPHPR/DEO); Hutchins, David M. (CDC/OID/NCEZID)

**Subject:** RE: Bathing - Talking points

Teammates,

I crosschecked this with the master document on EOMS and many of these are not captured as yet. We need the program clearance coordinators to confirm any possible clearance prior to the new matrix and notify [eocim3@cdc.gov](mailto:eocim3@cdc.gov) and [eocjicad@cdc.gov](mailto:eocjicad@cdc.gov) so that we can capture it in our master cleared file located on EOMS. If you need to research the status of talking points or other products, including previous use, please go to the following link:

<http://eoms.cdc.gov/DocumentLibrary.aspx?pg=184&lb=3209&fd=104450>

We appreciate your assistance and patience as we capture and build our cleared material records.

Bob Alvey

JIC Leadership - 2016 Flint MI Response

Centers for Disease Control and Prevention

Agency for Toxic Substances and Disease Registry

CDC/ATSDR Joint Information Center

[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)

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**From:** Somers, Tarah (EPA) (CDC [epamail.epa.gov](mailto:epamail.epa.gov))

**Sent:** Wednesday, February 17, 2016 9:05 PM

**To:** Wolfe, Herbert (CDC/ONDIEH/NCEH); CDC IMS Flint MI Incident Manager; CDC IMS JIC Lead -3; Waters, Kellee L. (CDC/OPHPR/DEO)

**Subject:** Bathing - Talking points

Below are some points about bathing and showering.

CDR Tarah Somers

ATSDR Region 1

Email: [tv4@cdc.gov](mailto:tv4@cdc.gov)

617-918-1493 (w)

703-505-7559 (c)

Begin forwarded message:

**From:** "Waters, Kellee L. (CDC/OPHPR/DEO)" <[kuw7@cdc.gov](mailto:kuw7@cdc.gov)>

**Date:** February 17, 2016 at 8:28:51 PM EST

**To:** "Somers, Tarah (EPA) (CDC [epamail.epa.gov](mailto:epamail.epa.gov))"

<[somers.tarah@epamail.epa.gov](mailto:somers.tarah@epamail.epa.gov)>

**Subject:** Fw: Talking points for Saturday

These are the FAQs, including our input on bathing. I don't know of they're cleared. Still waiting to hear.

Sent from my BlackBerry 10 smartphone.

**From:** Buchanan, Sharunda D. (CDC/ONDIEH/NCEH) <[sdb4@cdc.gov](mailto:sdb4@cdc.gov)>  
**Sent:** Wednesday, February 17, 2016 7:23 PM  
**To:** Wigington, Pamela S. (CDC/ONDIEH/NCEH); Cope, Cristina (ATSDR/OCOM/HCT)  
**Cc:** Waters, Kellee L. (CDC/OPHPR/DEO)  
**Subject:** Re: Talking points for Saturday

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Pam Wigington/via webmail

---

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**To:** McBreaity, Susan J. (ATSDR/OCOM)  
**Cc:** JIC/Flint ([eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)); Jones, Nadonnia (CDC/ONDIEH/NCEH); Scheel, Christian (CDC/ONDIEH/NCEH); Cope, Cristina (ATSDR/OCOM/HCT); Alvey, Robert (CDC/OPHPR/DEO); Briseno, Lisa (CDC/OPHPR/DEO); Waters, Kellee L. (CDC/OPHPR/DEO)  
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Here you go.

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**Pam Wigington**

Associate Director for Communication || Division of Emergency and Environmental Health Services (DEEHS) || CDC/National Center for Environmental Health  
Office: 770-488-4599 || Email: [piw4@cdc.gov](mailto:piw4@cdc.gov) || Cell: 404-717-2069

I telework on Tuesdays, Thursdays, and alternate Fridays. Today I am teleworking until 2:30 p.m. **\*\*Call my office # to reach me\*\***

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**From:** McBreaity, Susan J. (ATSDR/OCOM)  
**Sent:** Thursday, February 11, 2016 8:11 AM  
**To:** Wigington, Pamela S. (CDC/ONDIEH/NCEH) <[piw4@cdc.gov](mailto:piw4@cdc.gov)>; Cope, Cristina (ATSDR/OCOM/HCT) <[kcu1@cdc.gov](mailto:kcu1@cdc.gov)>  
**Cc:** CDC IMS JIC Lead -3 <[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)>; Jones, Nadonnia (CDC/ONDIEH/NCEH) <[gni5@cdc.gov](mailto:gni5@cdc.gov)>; Scheel, Christian (CDC/ONDIEH/NCEH) <[bjn2@cdc.gov](mailto:bjn2@cdc.gov)>; Alvey, Robert (CDC/OPHPR/DEO) <[yqw9@cdc.gov](mailto:yqw9@cdc.gov)>; Briseno, Lisa (CDC/OPHPR/DEO) <[hsi0@cdc.gov](mailto:hsi0@cdc.gov)>; Waters, Kellee L. (CDC/OPHPR/DEO) <[kuw7@cdc.gov](mailto:kuw7@cdc.gov)>  
**Subject:** FW: Talking points for Saturday

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JIC Leadership - 2016 Flint Water Response

Centers for Disease Control and Prevention  
Agency for Toxic Substances and Disease Registry  
CDC/ATSDR Joint Information Center  
[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)

---

**From:** CDC IMS JIC Lead -3  
**Sent:** Thursday, February 11, 2016 7:22:15 AM (UTC-05:00) Eastern Time (US & Canada)  
**To:** Briseno, Lisa (CDC/OPHPR/DEO)  
**Cc:** Scheel, Christian (CDC/ONDIEH/NCEH); CDC IMS JIC Admin  
**Subject:** RE: Talking points for Saturday

Thanks. Is there anyone who is cross-checking these questions against cleared answers?

Bob Alvey  
JIC Leadership - 2016 Flint MI Response  
Centers for Disease Control and Prevention  
Agency for Toxic Substances and Disease Registry  
CDC/ATSDR Joint Information Center  
[eocjiclead3@cdc.gov](mailto:eocjiclead3@cdc.gov)

---

**From:** Cassell, Peter  
**Sent:** Sunday, February 07, 2016 11:56:35 AM (UTC-05:00) Eastern Time (US & Canada)  
**To:** Michael, Gretchen (OS/ASPR/COO); Jacqueline Chandler;  
[kesha.waites@fema.dhs.gov](mailto:kesha.waites@fema.dhs.gov); (b)(6) CDC IMS JIC Lead -3  
**Cc:** Russell, Diane; Kelley, Jeff; Grantham, Nancy; Abrams, Dan; Lee, Monica; Nowotarski, Allison  
**Subject:** Fw: FAQ

Hey all -

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Thanks!  
Pete Cassell

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#### Frequently Asked Questions

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- \* Virginia Tech has already been here, and are the only people we trust. Why are you here?

**From:** Johnson, Mark  
**Sent:** 18 Feb 2016 17:26:53 +0000  
**To:** Breyse, Patrick N. (CDC/ONDIEH/NCEH); Wolfe, Herbert (CDC/ONDIEH/NCEH); Somers, Tarah S. (ATSDR/DCHI/EB); Perlman, Gary  
**Subject:** FW: Info Sharing Agreement  
**Attachments:** MOA for Flint 2-17-2016 338 pm version.docx

Pat and Herb

Here is the Data Sharing Agreement with EPA is asking ATSDR to sign in order for them to provide us with the results of the water testing for the residences that we have asked them to perform as a part of the rash complaint investigations. Until now they have only provided us with the de-identified data, but we need to know the specific addresses where those samples were taken.

Let me know if you have questions. The state health department will also be reviewing the data and providing letters to the residents. Therefore, they will also need to sign the agreement, unless they are covered through our ATSDR cooperative agreement program.

Mark

---

Mark D. Johnson, PhD, DABT  
Regional Director/Toxicologist  
Agency for Toxic Substances and Disease Registry (ATSDR)  
77 W. Jackson Blvd.  
Chicago, IL 60604  
Office: 312-353-3436  
Email: mdjohnson@cdc.gov

---

**From:** Kelly, Brian  
**Sent:** Thursday, February 18, 2016 9:37 AM  
**To:** Johnson, Mark <johnson.mark@epa.gov>  
**Subject:** Info Sharing Agreement

Certainly not my idea. I will call to discuss.

Sorry

Brian Kelly  
Federal On-Scene Coordinator  
Environmental Protection Agency, Region 5  
Detroit Regional Office  
(734) 692-7684



Report spills to the National Response Center (800) 424-8802

## **AGREEMENT**

### **INFORMATION SHARING AND RESTRICTIONS ON INFORMATION HANDLING**

In order to respond to the public health emergency in Flint, MI, EPA issued a §1431 Order (Order) pursuant to the Safe Drinking Water Act (SDWA) on January 21, 2016, to the State of Michigan (State), Michigan Department of Environmental Quality (MDEQ) and City of Flint (Flint) (collectively, the Recipients). SDWA Section 1431, 42 U.S.C. §300(i). To provide transparency and facilitate the Recipients' fulfillment of the requirements of the Order, as well as other obligations to protect the public health under SDWA, EPA may provide EPA-obtained documents or other records for use by the Recipients as well as the following federal agencies responding to the emergency in Flint: the Department of Health and Human Services, the Centers for Disease Control and Prevention, the Agency for Toxic Substances and Disease Registry. This shared information may contain controlled unclassified information, including Personally Identifiable Information (PII) of individuals affected by the emergency. Consistent with federal law and the EPA's Privacy Policy (CIO Policy 2151.0), the signatories agree that such documents or other records shall be handled in accordance with the following terms:

- a. As used in this Agreement, the term "controlled unclassified information" means: (1) personally identifiable information, as defined in EPA's Privacy Policy, or (2) records that would be exempted from disclosure pursuant to the Freedom of Information Act (5 U.S.C. 552)(FOIA), including information such as "personnel and medical files and similar files the disclosure of which would constitute a clearly unwarranted invasion of personal privacy" that is subject to Exemption 6 and EPA's regulations at 40 CFR Part 2 (FOIA). PII includes names, street or mailing addresses, phone numbers, email addresses, and any other contact information that is used to locate and identify individual residents.
- b. Specifically, by this Agreement, EPA intends that PII obtained by EPA and provided to the signatories be maintained in a manner consistent with EPA's Privacy Policy (CIO Policy 2151.0), and specifically, the privacy controls issued by National Institute of Standards and Technology (NIST) Special Publication 800-53 to protect PII.
- c. No provision within this Agreement constitutes a determination of whether or not information has been deemed to be releasable to the public under FOIA or other federal law or regulation. This Agreement is to be read and applied consistent with FOIA and other federal laws and regulations. See 5 U.S.C. § 552; and 42 U.S.C. § 300(i).
- d. Any information to be provided by EPA to the signatories that contains PII shall be labeled "Controlled Unclassified Information – PII", or otherwise appropriately labeled. EPA will, to the extent practicable, label each page of each document or record prior to production to each signatory.



- e. Information designated as controlled under this Agreement shall not be used by the Recipients for any purpose other than to fulfil the requirements of the SDWA 1431 Order or meet any obligations to protect public health under SDWA. The Recipients agree that information handling continues pursuant to the terms of the Order, including, but not limited to, Paragraphs 68 and 76.
- f. The signatories shall take all necessary and appropriate measures to comply with the terms of this Agreement, shall share information designated as controlled PII only with persons authorized to receive it within the Department of Health and Human Services, Centers for Disease Control and Prevention, Agency for Toxic Substances and Disease Registry and the Recipients' respective Organizations and pursuant to the information-sharing provisions set forth herein, and shall retain the information in a secure manner consistent with EPA's Privacy Policy for maintenance of PII and specifically, the privacy controls issued by National Institute of Standards and Technology (NIST) Special Publication 800-53 to protect PII.
- g. All records released under this MOA to signatories by EPA are EPA records and must be handled consistent with EPA Privacy Policy and federal law. Once the Emergency has ended, all records and copies of records shall be returned to EPA upon demand. If any signatory receives a request or demand for any record(s) it has received through this MOA, the signatory shall immediately notify EPA. EPA will provide direction on how to proceed regarding the request or demand.
- h. Signatories will promptly report breaches of PII, unauthorized disclosures or releases and system vulnerabilities to EPA in accordance with Agency policies and procedures.
- i. All copies, duplicates, extracts, etc. of information designated as controlled hereunder shall be subject to the same terms set forth herein to the same extent and manner as the original documents.

This Agreement is effectively immediately upon the date of each signature of the designated representative below.

SIGNATORY AUTHORITIES

[INSERT AUTHORITIES]

---

[INSERT NAME

TITLE

ORGANIZATION]

---

Date

---

[INSERT NAME  
TITLE  
ORGANIZATION]

---

Date

---

[INSERT NAME  
TITLE  
ORGANIZATION]

---

Date

**From:** Durno, Mark  
**Sent:** 21 Feb 2016 16:32:17 +0000  
**To:** Perlman, Gary;Groetsch, Kory J. (DHHS);Somers, Tarah;Dykema, Linda D. (DHHS);Johnson, Mark;McFadden, Jevon D. (CDC/OPHPR/DSLRL);Gray, Jennifer (DHHS);Watters, Michelle  
**Cc:** john.smart@hhs.gov;Smith, Jason (DHHS);wellsf3@michigan.gov;Barr, Jacqui (DHHS)  
**Subject:** UCG Scientific Group - Rash Data update  
**Attachments:** Rash Data 2-19-16 - PII Removed.xlsx

Attached is the 'rash' data as update by 2/19/16. PII has been removed until we can get our agreements in place.

---

**Mark Durno**  
Homeland Security Advisor / Deputy Chief  
Emergency Response Branch  
**U.S. Environmental Protection Agency**  
25063 Center Ridge Road  
Westlake, OH 44145  
440-250-1743

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**From:** Perlman, Gary  
**Sent:** Thursday, February 18, 2016 5:08 PM  
**To:** Groetsch, Kory J. (DHHS) <GroetschK@michigan.gov>; Somers, Tarah <Somers.Tarah@epa.gov>; Dykema, Linda D. (DHHS) <DykemaL@michigan.gov>; Durno, Mark <durno.mark@epa.gov>; Johnson, Mark <johnson.mark@epa.gov>; McFadden, Jevon D. (CDC/OPHPR/DSLRL) <ihv2@cdc.gov>; Gray, Jennifer (DHHS) <GrayJ@michigan.gov>; Watters, Michelle <watters.michelle@epa.gov>  
**Cc:** john.smart@hhs.gov; Smith, Jason (DHHS) <SmithJ20@michigan.gov>; wells3@michigan.gov; Barr, Jacqui (DHHS) <BarrJ3@michigan.gov>  
**Subject:** Re: UCG Scientific Group - specific task

Greetings. We have reached a consensus on the call time (9:00 am - 10:00 am EST, tomorrow [2/19/2016] ). We will be using a bridge line for remote participants (non-remotes may join us in the 1st floor ATSDR room at the UCG-EOC). The bridge line has a max of 50 (just fyi- not expecting a number even approaching that).

The bridge line is 877-901-1246 passcode: (b)(6)

Many thanks.

Brief agenda:  
Introductions  
Description of field team observations  
Steps moving forward  
Action items and task assignments  
Follow-up call (if needed)

Note: There are no handouts or other briefing materials.



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5 Post Office Sq., STE 1010  
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Phone: 617-918-1492  
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Email: [gap6@CDC.GOV](mailto:gap6@CDC.GOV) or  
[perlman.gary@epa.gov](mailto:perlman.gary@epa.gov)

**ATSDR Brownfield/Land Reuse Health Initiative**  
[ATSDR.LandReuse@cdc.gov](mailto:ATSDR.LandReuse@cdc.gov)  
<http://www.atsdr.cdc.gov/sites/brownfields/index.html>

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**From:** Groetsch, Kory J. (DHHS) <[GroetschK@michigan.gov](mailto:GroetschK@michigan.gov)>  
**Sent:** Thursday, February 18, 2016 4:56 PM  
**To:** Perlman, Gary; Somers, Tarah; Dykema, Linda D. (DHHS); Durno, Mark; Johnson, Mark; McFadden, Jevon D. (CDC/OPHPR/DSLRL); Gray, Jennifer (DHHS); Watters, Michelle  
**Cc:** [john.smart@hhs.gov](mailto:john.smart@hhs.gov); Smith, Jason (DHHS); [wellsf3@michigan.gov](mailto:wellsf3@michigan.gov); Barr, Jacqui (DHHS)  
**Subject:** RE: UCG Scientific Group - specific task

Hi Gary,

Thank you for the conversation. A conference call at 9 am works for MDHHS - Linda, Kory, and Jennifer.

(Jevon – I will let you know if we find a room.)

*Kory Groetsch*  
517-335-9935  
[groetschk@michigan.gov](mailto:groetschk@michigan.gov)

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**From:** Perlman, Gary [<mailto:Perlman.Gary@epa.gov>]

**Sent:** Thursday, February 18, 2016 4:45 PM

**To:** Somers, Tarah <[Somers.Tarah@epa.gov](mailto:Somers.Tarah@epa.gov)>; Dykema, Linda D. (DHHS) <[DykemaL@michigan.gov](mailto:DykemaL@michigan.gov)>; Durno, Mark <[durno.mark@epa.gov](mailto:durno.mark@epa.gov)>; Johnson, Mark <[johnson.mark@epa.gov](mailto:johnson.mark@epa.gov)>; McFadden, Jevon D. (CDC/OPHPR/DSLRL) <[ihv2@cdc.gov](mailto:ihv2@cdc.gov)>; Gray, Jennifer (DHHS) <[GrayJ@michigan.gov](mailto:GrayJ@michigan.gov)>; Groetsch, Kory J. (DHHS) <[GroetschK@michigan.gov](mailto:GroetschK@michigan.gov)>; Watters, Michelle <[watters.michelle@epa.gov](mailto:watters.michelle@epa.gov)>

**Cc:** [john.smart@hhs.gov](mailto:john.smart@hhs.gov); Smith, Jason (DHHS) <[SmithJ20@michigan.gov](mailto:SmithJ20@michigan.gov)>; [wellsf3@michigan.gov](mailto:wellsf3@michigan.gov)

**Subject:** Re: UCG Scientific Group - specific task

Greetings, We would like to know whether 9 am EST works to convene the science group. I will be in Flint for the next 2 weeks. (Tarah demobs out tomorrow). We feel this is an important subject which needs the support of the science group in the near term.

Thank you for your kind attention to this request.

---

Gary D. Perlman MPH, RS, DAAS, EMT-B  
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ATSDR Region 1 (New England)  
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Email: [gap6@CDC.GOV](mailto:gap6@CDC.GOV) or  
[perlman.gary@epa.gov](mailto:perlman.gary@epa.gov)

**ATSDR Brownfield/Land Reuse Health Initiative**

[ATSDR.LandReuse@cdc.gov](mailto:ATSDR.LandReuse@cdc.gov)

<http://www.atsdr.cdc.gov/sites/brownfields/index.html>

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**From:** Somers, Tarah

**Sent:** Thursday, February 18, 2016 2:30 PM

**To:** [dykemaL@michigan.gov](mailto:dykemaL@michigan.gov); Durno, Mark; Johnson, Mark; McFadden, Jevon D. (CDC/OPHPR/DSLRL); [grayj@michigan.gov](mailto:grayj@michigan.gov); [groetschk@michigan.gov](mailto:groetschk@michigan.gov)

**Cc:** Perlman, Gary; [john.smart@hhs.gov](mailto:john.smart@hhs.gov); Smith, Jason (DHHS); [wellsf3@michigan.gov](mailto:wellsf3@michigan.gov)

**Subject:** UCG Scientific Group - specific task

Hello,

We would like to have representation from at least EPA, CDC/ATSDR, and MDHHS.

I am trying to organize a meeting (maybe the first of a few) for the UCG Scientific Group.

We are bringing together this group to strategize about some very specific community health concerns that our field staff has been observing and hearing on home visits. We'd like to bring the group together, discuss the concerns, and then come up with some strategies for moving forward.

We'd like to have the first call on Friday 2/19.

I am proposing:

Friday 2/19 at 9am

Friday 2/19 at 10am

Friday 2/19 at 1pm

Please let me know what time works.

John, Jason, Eden, and Mary – I'm cc'ing you for Situational Awareness at UCG and the CHECC.

Tarah S Somers RN, MSN/MPH  
Commander, US Public Health Service  
Agency for Toxic Substances and Disease Registry  
Centers for Disease Control and Prevention  
[somers.tarah@epa.gov](mailto:somers.tarah@epa.gov) OR [tv4@cdc.gov](mailto:tv4@cdc.gov)  
617-918-1493 office  
703-505-7559 work blackberry

Updated as of 2016/02/19 - 830I

SITE CODES (R) ie.	
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(House Number)	SampleDate	SampleTime	Sub_Locat	Activity	Remarks	Analyte	Detected	Result	Result_Qt	Lab_Resul	Result_Un	EDD_Status
	2/15/2016	13:26 tt:00	Kitchen	Sink		Cl2		1.05			mg/l	Field
	2/15/2016	13:27 tt:00	Kitchen	Sink		pH		7.1			SU	Field
	2/9/2016	14:35 tt:00	Bathroom	Sink Faucet		Residual Cl Level		0.35			mg/l	Field
	2/9/2016	14:38 tt:00	Bathroom	Sink Faucet		Total Dissolved Solids (TDS)		0.16			g/L	Field
	2/9/2016	14:38 tt:00	Bathroom	Sink Faucet		Specific Conductance		0.24			mS/cm	Field
	2/9/2016	14:38 tt:00	Bathroom	Sink Faucet		pH		7.34			SU	Field
	2/9/2016	14:38 tt:00	Bathroom	Sink Faucet		Conductivity		212			uS/CM	Field
	2/9/2016	14:38 tt:00	Bathroom	Sink Faucet		Dissolved Oxygen (DO)		10.09			mg/L	Field
	2/9/2016	14:41 tt:00	Shower	Head		Conductivity		360			uS/CM	Field
	2/9/2016	14:41 tt:00	Bathroom	Sink Faucet		Specific Conductance		0.26			mS/cm	Field
	2/9/2016	14:41 tt:00	Bathroom	Sink Faucet		Total Dissolved Solids (TDS)		0.17			g/L	Field
	2/9/2016	14:41 tt:00	Shower	Head		pH		7.38			SU	Field
	2/9/2016	14:41 tt:00	Bathroom	Sink Faucet		Dissolved Oxygen (DO)		6.71			mg/L	Field
	2/11/2016	11:30 tt:00	Kitchen	Faucet		Residual Cl Level		0.89			mg/l	Field
	2/11/2016	11:46 tt:00	Kitchen	Faucet		Other		9.58			Celcius	Field
	2/11/2016	11:46 tt:00	Kitchen	Faucet		pH		6.4			SU	Field
	2/11/2016	11:50 tt:00	Kitchen	Faucet		pH		6.04			SU	Field
	2/11/2016	14:50 tt:00	Kitchen	Faucet		Residual Cl Level		0.86			mg/l	Field
	2/11/2016	14:51 tt:00	Kitchen	Faucet		pH		7.34			SU	Field
	2/11/2016	15:06 tt:00	Shower	Head		pH		7.5			SU	Field
	2/12/2016	18:12 tt:00	Kitchen	Sink		Cl2		0.68			mg/l	Field
	2/12/2016	18:15 tt:00	Kitchen	Sink		pH		7.28			SU	Field
	2/15/2016	15:00 tt:00	Kitchen	Sink		Cl2		0.69			mg/l	Field
	2/15/2016	15:04 tt:00	Kitchen	Sink		pH		7.48			SU	Field

Sample #	Sample Tap	Analyte	Result	Lab Qualifier	Units	Test Type	Qualifier	Sample Date	Sample Time
		Cl2	2.2		mg/l			1/29/2016 13:16	tt:00
R01c	Kitchen Faucet,	Aluminum	0.2	U	mg/L	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Antimony	0.02	U	mg/L	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Arsenic	0.04	U	mg/L	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Barium	0.0135		mg/L	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Beryllium	0.002	U	mg/L	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Boron	0.05	U	mg/L	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Cadmium	0.002	U	mg/L	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Calcium	26.5		mg/L	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Chromium	0.005	U	mg/L	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Cobalt	0.006	U	mg/L	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Copper	33.1		ug/L	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Hardness	97.2		mg CaCO3,	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Iron	0.08	U	mg/L	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Lead	0.88		ug/L	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Magnesium	7.52		mg/L	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Manganese	0.008	U	mg/L	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Molybdenum	0.012	U	mg/L	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Nickel	0.006	U	mg/L	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Potassium	0.981		mg/L	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Selenium	0.05	U	mg/L	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Silver	0.01	U	mg/L	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Sodium	4.86		mg/L	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Thallium	0.06	U	mg/L	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Tin	0.02	U	mg/L	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Vanadium	0.005	U	mg/L	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Zinc	10		ug/L	PRELIM		1/29/2016	
R02c	Kitchen Faucet,	Total Alkalinity	74		mg CaCO3,	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Aluminum	0.2	U	mg/L	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Antimony	0.02	U	mg/L	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Arsenic	0.04	U	mg/L	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Barium	0.0131		mg/L	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Beryllium	0.002	U	mg/L	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Boron	0.05	U	mg/L	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Cadmium	0.002	U	mg/L	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Calcium	26.8		mg/L	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Chromium	0.005	U	mg/L	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Cobalt	0.006	U	mg/L	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Copper	105		ug/L	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Hardness	98.5		mg CaCO3,	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Iron	0.182		mg/L	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Lead	23.4		ug/L	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Magnesium	7.67		mg/L	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Manganese	0.008	U	mg/L	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Molybdenum	0.012	U	mg/L	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Nickel	0.006	U	mg/L	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Potassium	0.971		mg/L	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Selenium	0.05	U	mg/L	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Silver	0.01	U	mg/L	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Sodium	4.87		mg/L	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Thallium	0.06	U	mg/L	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Tin	0.02	U	mg/L	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Vanadium	0.005	U	mg/L	PRELIM		1/29/2016	
R03c	Bathroom Sink Faucet,	Zinc	110		ug/L	PRELIM		1/29/2016	
R04c	Bathroom Sink Faucet,	Copper	1150		ug/L	PRELIM		1/29/2016	
R04c	Bathroom Sink Faucet,	Lead	775		ug/L	PRELIM		1/29/2016	
R04c	Bathroom Sink Faucet,	Zinc	202		ug/L	PRELIM		1/29/2016	
R05c	Bathtub Faucet,	Copper	40.6		ug/L	PRELIM		1/29/2016	
R05c	Bathtub Faucet,	Lead	10.5		ug/L	PRELIM		1/29/2016	
R05c	Bathtub Faucet,	Zinc	33.7		ug/L	PRELIM		1/29/2016	
R06c	Shower Head,	Copper	21.8		ug/L	PRELIM		1/29/2016	
R06c	Shower Head,	Lead	4.71		ug/L	PRELIM		1/29/2016	
R06c	Shower Head,	Zinc	10		ug/L	PRELIM		1/29/2016	
R07c	Bathtub Faucet, Hot	Copper	48.4		ug/L	PRELIM		1/29/2016	
R07c	Bathtub Faucet, Hot	Lead	1.23		ug/L	PRELIM		1/29/2016	
R07c	Bathtub Faucet, Hot	Zinc	18.5		ug/L	PRELIM		1/29/2016	
R08c	Shower Head, Hot	Copper	47		ug/L	PRELIM		1/29/2016	
R08c	Shower Head, Hot	Lead	1.22		ug/L	PRELIM		1/29/2016	
R08c	Shower Head, Hot	Zinc	20.9		ug/L	PRELIM		1/29/2016	
R09c	Bathroom Sink Faucet,	Total Alkalinity	75		mg CaCO3,	PRELIM		1/29/2016	
R01c	Kitchen Faucet,	Hardness	97.2		mg CaCO3, reanalysis			1/29/2016	
R03c	Bathroom Sink Faucet,	Hardness	98.5		mg CaCO3, reanalysis			1/29/2016	

Sample #	Sample Tap	Analyte	Result	Lab Qualifier	Units	Test Type	Sample Date	Sample Time
	Bathroom Sink Faucet	Residual Cl Level	0.64		mg/l	Field	2/7/2016	14:43 tt:00
	Bathroom Sink Faucet	Specific Conductance	0.22		mS/cm	Field	2/7/2016	14:54 tt:00
	Bathroom Sink Faucet	Conductivity	156		uS/CM	Field	2/7/2016	14:54 tt:00
	Bathroom Sink Faucet	Total Dissolved Solids (TDS)	0.14		g/L	Field	2/7/2016	14:54 tt:00
	Bathroom Sink Faucet	Dissolved Oxygen (DO)	12.1		mg/L	Field	2/7/2016	14:54 tt:00
	Bathroom Sink Faucet	pH	7.41		SU	Field	2/7/2016	14:54 tt:00
	Shower Head	Other	58		C	Field	2/7/2016	15:05 tt:00
	Shower Head	Dissolved Oxygen (DO)	12.1		mg/L	Field	2/7/2016	15:05 tt:00
	Shower Head	Total Dissolved Solids (TDS)	0.14		g/L	Field	2/7/2016	15:05 tt:00
	Shower Head	Specific Conductance	0.22		mS/cm	Field	2/7/2016	15:05 tt:00
	Shower Head	Conductivity	156		uS/CM	Field	2/7/2016	15:05 tt:00
	Shower Head	pH	7.37		SU	Field	2/7/2016	15:05 tt:00
	Bathroom Sink Faucet	Residual Cl Level	0.64		mg/l	Field	2/7/2016	14:48 tt:00
	Bathroom Sink Faucet	Dissolved Oxygen (DO)	11.8		mg/L	Field	2/7/2016	14:58 tt:00
	Bathroom Sink Faucet	Total Dissolved Solids (TDS)	0.15		g/L	Field	2/7/2016	14:58 tt:00
	Bathroom Sink Faucet	Specific Conductance	0.23		mS/cm	Field	2/7/2016	14:58 tt:00
	Bathroom Sink Faucet	Conductivity	178		uS/CM	Field	2/7/2016	14:58 tt:00
	Bathroom Sink Faucet	pH	7.16		SU	Field	2/7/2016	14:58 tt:00
	Shower Head	Total Dissolved Solids (TDS)	0.16		g/L	Field	2/7/2016	15:15 tt:00
	Shower Head	Dissolved Oxygen (DO)	6.31		mg/L	Field	2/7/2016	15:15 tt:00
	Shower Head	Specific Conductance	0.25		mS/cm	Field	2/7/2016	15:15 tt:00
	Shower Head	Conductivity	372		uS/CM	Field	2/7/2016	15:15 tt:00
	Shower Head	pH	7.33		SU	Field	2/7/2016	15:15 tt:00
R01dFcm	#REF!	Copper	97.2		ug/L	PRELIM	2/7/2016	2:30:00 PM
R01dFcm	#REF!	Lead	0.803		ug/L	PRELIM	2/7/2016	2:30:00 PM
R01dFcm	#REF!	Zinc	416		ug/L	PRELIM	2/7/2016	2:30:00 PM
R02dfcw	#REF!	Total Alkalinity	73 B		mg CaCO3/L	PRELIM	2/7/2016	2:32:00 PM
R03dScm	#REF!	Copper	53.4		ug/L	PRELIM	2/7/2016	2:35:00 PM
R03dScm	#REF!	Lead	0.5 U		ug/L	PRELIM	2/7/2016	2:35:00 PM
R03dScm	#REF!	Zinc	99.4		ug/L	PRELIM	2/7/2016	2:35:00 PM
R04dBcm	#REF!	Copper	14.5		ug/L	PRELIM	2/7/2016	2:36:00 PM
R04dBcm	#REF!	Lead	0.5 U		ug/L	PRELIM	2/7/2016	2:36:00 PM
R04dBcm	#REF!	Zinc	98.5		ug/L	PRELIM	2/7/2016	2:36:00 PM
R05dFhm	#REF!	Copper	152		ug/L	PRELIM	2/7/2016	2:53:00 PM
R05dFhm	#REF!	Lead	0.5 U		ug/L	PRELIM	2/7/2016	2:53:00 PM
R05dFhm	#REF!	Zinc	37.5		ug/L	PRELIM	2/7/2016	2:53:00 PM
R06dShm	#REF!	Copper	144		ug/L	PRELIM	2/7/2016	2:54:00 PM
R06dShm	#REF!	Lead	0.5 U		ug/L	PRELIM	2/7/2016	2:54:00 PM
R06dShm	#REF!	Zinc	25.2		ug/L	PRELIM	2/7/2016	2:54:00 PM
R07dshw	#REF!	Total Alkalinity	73 B		mg CaCO3/L	PRELIM	2/7/2016	2:55:00 PM
R08dBhm	#REF!	Copper	186		ug/L	PRELIM	2/7/2016	2:56:00 PM
R08dBhm	#REF!	Lead	0.869		ug/L	PRELIM	2/7/2016	2:56:00 PM
R08dBhm	#REF!	Zinc	34.5		ug/L	PRELIM	2/7/2016	2:56:00 PM
R01eFcm	#REF!	Copper	136		ug/L	PRELIM	2/7/2016	2:35:00 PM
R01eFcm	#REF!	Lead	2.1		ug/L	PRELIM	2/7/2016	2:35:00 PM
R01eFcm	#REF!	Zinc	388		ug/L	PRELIM	2/7/2016	2:35:00 PM
R02efcw	#REF!	Total Alkalinity	74 B		mg CaCO3/L	PRELIM	2/7/2016	2:36:00 PM
R03eScm	#REF!	Copper	29.5		ug/L	PRELIM	2/7/2016	2:46:00 PM
R03eScm	#REF!	Lead	0.5 U		ug/L	PRELIM	2/7/2016	2:46:00 PM
R03eScm	#REF!	Zinc	88.5		ug/L	PRELIM	2/7/2016	2:46:00 PM
R04eBcm	#REF!	Copper	223		ug/L	PRELIM	2/7/2016	2:45:00 PM
R04eBcm	#REF!	Lead	1.11		ug/L	PRELIM	2/7/2016	2:45:00 PM
R04eBcm	#REF!	Zinc	451		ug/L	PRELIM	2/7/2016	2:45:00 PM
R04eBcm2	#REF!	Aluminum	0.2 U		mg/L	PRELIM	2/7/2016	
R04eBcm2	#REF!	Cadmium	0.002 U		mg/L	PRELIM	2/7/2016	
R04eBcm2	#REF!	Calcium	28.1		mg/L	PRELIM	2/7/2016	
R04eBcm2	#REF!	Chromium	0.005 U		mg/L	PRELIM	2/7/2016	
R04eBcm2	#REF!	Copper	56.3		ug/L	PRELIM	2/7/2016	
R04eBcm2	#REF!	Iron	0.08 U		mg/L	PRELIM	2/7/2016	
R04eBcm2	#REF!	Lead	0.5 U		ug/L	PRELIM	2/7/2016	
R04eBcm2	#REF!	Magnesium	8.27		mg/L	PRELIM	2/7/2016	
R04eBcm2	#REF!	Manganese	0.008 U		mg/L	PRELIM	2/7/2016	
R04eBcm2	#REF!	Nickel	0.006 U		mg/L	PRELIM	2/7/2016	
R04eBcm2	#REF!	Potassium	0.98		mg/L	PRELIM	2/7/2016	
R04eBcm2	#REF!	Sodium	5.11		mg/L	PRELIM	2/7/2016	
R04eBcm2	#REF!	Zinc	157		ug/L	PRELIM	2/7/2016	
R05eFhm	#REF!	Aluminum	0.2 U		mg/L	PRELIM	2/7/2016	3:03:00 PM
R05eFhm	#REF!	Cadmium	0.002 U		mg/L	PRELIM	2/7/2016	3:03:00 PM
R05eFhm	#REF!	Calcium	28.2		mg/L	PRELIM	2/7/2016	3:03:00 PM
R05eFhm	#REF!	Chromium	0.005 U		mg/L	PRELIM	2/7/2016	3:03:00 PM
R05eFhm	#REF!	Copper	166		ug/L	PRELIM	2/7/2016	3:03:00 PM
R05eFhm	#REF!	Iron	0.08 U		mg/L	PRELIM	2/7/2016	3:03:00 PM
R05eFhm	#REF!	Lead	0.5 U		ug/L	PRELIM	2/7/2016	3:03:00 PM
R05eFhm	#REF!	Magnesium	8.19		mg/L	PRELIM	2/7/2016	3:03:00 PM
R05eFhm	#REF!	Manganese	0.008 U		mg/L	PRELIM	2/7/2016	3:03:00 PM
R05eFhm	#REF!	Nickel	0.006 U		mg/L	PRELIM	2/7/2016	3:03:00 PM
R05eFhm	#REF!	Potassium	0.972		mg/L	PRELIM	2/7/2016	3:03:00 PM
R05eFhm	#REF!	Sodium	5.19		mg/L	PRELIM	2/7/2016	3:03:00 PM
R05eFhm	#REF!	Zinc	61.6		ug/L	PRELIM	2/7/2016	3:03:00 PM
R06eShm	#REF!	Aluminum	0.2 U		mg/L	PRELIM	2/7/2016	3:06:00 PM
R06eShm	#REF!	Cadmium	0.002 U		mg/L	PRELIM	2/7/2016	3:06:00 PM
R06eShm	#REF!	Calcium	28.3		mg/L	PRELIM	2/7/2016	3:06:00 PM

R06eShm	#REF!	Chromium	0.005 U	mg/L	PRELIM	2/7/2016 3:06:00 PM
R06eShm	#REF!	Copper	406	ug/L	PRELIM	2/7/2016 3:06:00 PM
R06eShm	#REF!	Iron	0.301	mg/L	PRELIM	2/7/2016 3:06:00 PM
R06eShm	#REF!	Lead	2.72	ug/L	PRELIM	2/7/2016 3:06:00 PM
R06eShm	#REF!	Magnesium	8.19	mg/L	PRELIM	2/7/2016 3:06:00 PM
R06eShm	#REF!	Manganese	0.0132	mg/L	PRELIM	2/7/2016 3:06:00 PM
R06eShm	#REF!	Nickel	0.006 U	mg/L	PRELIM	2/7/2016 3:06:00 PM
R06eShm	#REF!	Potassium	1.01	mg/L	PRELIM	2/7/2016 3:06:00 PM
R06eShm	#REF!	Sodium	5.13	mg/L	PRELIM	2/7/2016 3:06:00 PM
R06eShm	#REF!	Zinc	45.4	ug/L	PRELIM	2/7/2016 3:06:00 PM
R07eshw	#REF!	Total Alkalinity	72 B	mg CaCO3/L	PRELIM	2/7/2016 3:07:00 PM
R08eBhm	#REF!	Aluminum	0.2 U	mg/L	PRELIM	2/7/2016 3:08:00 PM
R08eBhm	#REF!	Cadmium	0.002 U	mg/L	PRELIM	2/7/2016 3:08:00 PM
R08eBhm	#REF!	Calcium	28.1	mg/L	PRELIM	2/7/2016 3:08:00 PM
R08eBhm	#REF!	Chromium	0.005 U	mg/L	PRELIM	2/7/2016 3:08:00 PM
R08eBhm	#REF!	Copper	229	ug/L	PRELIM	2/7/2016 3:08:00 PM
R08eBhm	#REF!	Iron	0.11	mg/L	PRELIM	2/7/2016 3:08:00 PM
R08eBhm	#REF!	Lead	1.55	ug/L	PRELIM	2/7/2016 3:08:00 PM
R08eBhm	#REF!	Magnesium	8.17	mg/L	PRELIM	2/7/2016 3:08:00 PM
R08eBhm	#REF!	Manganese	0.008 U	mg/L	PRELIM	2/7/2016 3:08:00 PM
R08eBhm	#REF!	Nickel	0.006 U	mg/L	PRELIM	2/7/2016 3:08:00 PM
R08eBhm	#REF!	Potassium	1.01	mg/L	PRELIM	2/7/2016 3:08:00 PM
R08eBhm	#REF!	Sodium	5.08	mg/L	PRELIM	2/7/2016 3:08:00 PM
R08eBhm	#REF!	Zinc	41.7	ug/L	PRELIM	2/7/2016 3:08:00 PM



HouseLetter	Sample #	Sample Tap	Analyte	Result	Lab Qualifier	Units	Test Type	Qual	MC	MC	Sar	QC	Re	Ev	Sample Date	Sample Time
a	710501035_2207		Cl2	0.94		mg/l	Field								1/29/2016	9:48 tt:00
a	R01a	Kitchen Faucet,	Water Meta Aluminum	0.2	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R01a	Kitchen Faucet,	Water Meta Antimony	0.02	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R01a	Kitchen Faucet,	Water Meta Arsenic	0.04	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R01a	Kitchen Faucet,	Water Meta Barium	0.0126	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R01a	Kitchen Faucet,	Water Meta Beryllium	0.002	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R01a	Kitchen Faucet,	Water Meta Boron	0.05	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R01a	Kitchen Faucet,	Water Meta Cadmium	0.002	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R01a	Kitchen Faucet,	Water Meta Calcium	26		mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R01a	Kitchen Faucet,	Water Meta Chromium	0.005	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R01a	Kitchen Faucet,	Water Meta Cobalt	0.006	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R01a	Kitchen Faucet,	Water Meta Copper	73.9		ug/L	PRELIM	0	ug	SAMP	TRG				1/29/2016	
a	R01a	Kitchen Faucet,	Water Hardr Hardness	96.2		mg CaCO3/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R01a	Kitchen Faucet,	Water Meta Iron	0.229		mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R01a	Kitchen Faucet,	Water Meta Lead	23.2		ug/L	PRELIM	0	ug	SAMP	TRG				1/29/2016	
a	R01a	Kitchen Faucet,	Water Meta Magnesium	7.58		mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R01a	Kitchen Faucet,	Water Meta Manganese	0.008	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R01a	Kitchen Faucet,	Water Meta Molybdenum	0.012	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R01a	Kitchen Faucet,	Water Meta Nickel	0.006	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R01a	Kitchen Faucet,	Water Meta Selenium	0.05	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R01a	Kitchen Faucet,	Water Meta Silver	0.01	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R01a	Kitchen Faucet,	Water Meta Sodium	4.7		mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R01a	Kitchen Faucet,	Water Meta Thallium	0.06	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R01a	Kitchen Faucet,	Water Meta Tin	0.02	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R01a	Kitchen Faucet,	Water Meta Vanadium	0.005	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R01a	Kitchen Faucet,	Water Meta Zinc	25.2		ug/L	PRELIM	1	ug	SAMP	TRG				1/29/2016	
a	R02a	Kitchen Faucet,	Water Alkali Total Alkalinity	72		mg CaCO3/L	PRELIM	5	mg	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Meta Aluminum	0.2	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Meta Antimony	0.02	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Meta Arsenic	0.04	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Meta Barium	0.0129	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Meta Beryllium	0.002	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Meta Boron	0.05	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Meta Cadmium	0.002	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Meta Calcium	26.7		mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Meta Chromium	0.005	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Meta Cobalt	0.006	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Meta Copper	14.6		ug/L	PRELIM	0	ug	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Hardr Hardness	98.6		mg CaCO3/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Meta Iron	0.08	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Meta Lead	1.22		ug/L	PRELIM	0	ug	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Meta Magnesium	7.73		mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Meta Manganese	0.008	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Meta Molybdenum	0.012	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Meta Nickel	0.006	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Meta Potassium	1.02		mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Meta Selenium	0.05	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Meta Silver	0.01	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Meta Sodium	4.79		mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Meta Thallium	0.06	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Meta Tin	0.02	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Meta Vanadium	0.005	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R03a	Bathroom Sink Faucet,	Water Meta Zinc	10.3		ug/L	PRELIM	1	ug	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Meta Aluminum	0.2	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Meta Antimony	0.02	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Meta Arsenic	0.04	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Meta Barium	0.0114	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Meta Beryllium	0.002	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Meta Boron	0.05	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Meta Cadmium	0.002	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Meta Calcium	26.7		mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Meta Chromium	0.005	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Meta Cobalt	0.006	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Meta Copper	180		ug/L	PRELIM	0	ug	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Hardr Hardness	98.8		mg CaCO3/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Meta Iron	0.135		mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Meta Lead	16		ug/L	PRELIM	0	ug	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Meta Magnesium	7.81		mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Meta Manganese	0.008	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Meta Molybdenum	0.012	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Meta Nickel	0.006	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Meta Potassium	0.959		mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Meta Selenium	0.05	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Meta Silver	0.01	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Meta Sodium	4.73		mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Meta Thallium	0.06	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Meta Tin	0.02	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Meta Vanadium	0.005	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R05a	Bathhub Faucet,	Water Meta Zinc	95.8		ug/L	PRELIM	1	ug	SAMP	TRG				1/29/2016	
a	R06a	Shower Head,	Water Meta Aluminum	0.2	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R06a	Shower Head,	Water Meta Antimony	0.02	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R06a	Shower Head,	Water Meta Arsenic	0.04	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R06a	Shower Head,	Water Meta Barium	0.0113	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R06a	Shower Head,	Water Meta Beryllium	0.002	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R06a	Shower Head,	Water Meta Boron	0.05	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R06a	Shower Head,	Water Meta Cadmium	0.002	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R06a	Shower Head,	Water Meta Calcium	26.4		mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R06a	Shower Head,	Water Meta Chromium	0.005	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R06a	Shower Head,	Water Meta Cobalt	0.006	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R06a	Shower Head,	Water Meta Copper	39.7		ug/L	PRELIM	0	ug	SAMP	TRG				1/29/2016	
a	R06a	Shower Head,	Water Hardr Hardness	97.7		mg CaCO3/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R06a	Shower Head,	Water Meta Iron	0.119		mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R06a	Shower Head,	Water Meta Lead	17.4		ug/L	PRELIM	0	ug	SAMP	TRG				1/29/2016	
a	R06a	Shower Head,	Water Meta Magnesium	7.73		mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R06a	Shower Head,	Water Meta Manganese	0.008	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R06a	Shower Head,	Water Meta Molybdenum	0.012	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R06a	Shower Head,	Water Meta Nickel	0.006	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R06a	Shower Head,	Water Meta Potassium	0.951		mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R06a	Shower Head,	Water Meta Selenium	0.05	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R06a	Shower Head,	Water Meta Silver	0.01	U	mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	
a	R06a	Shower Head,	Water Meta Sodium	4.68		mg/L	PRELIM	0	mg	SAMP	TRG				1/29/2016	

a	R07a	Bathtub Faucet, Hot	Water	Meta Potassium	0.966	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R07a	Bathtub Faucet, Hot	Water	Meta Selenium	0.05 U	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R07a	Bathtub Faucet, Hot	Water	Meta Silver	0.01 U	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R07a	Bathtub Faucet, Hot	Water	Meta Sodium	4.72	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R07a	Bathtub Faucet, Hot	Water	Meta Thallium	0.06 U	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R07a	Bathtub Faucet, Hot	Water	Meta Tin	0.02 U	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R07a	Bathtub Faucet, Hot	Water	Meta Vanadium	0.005 U	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R07a	Bathtub Faucet, Hot	Water	Meta Zinc	11.8	ug/L	PRELIM	1 ug/ SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Meta Aluminum	0.2 U	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Meta Antimony	0.02 U	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Meta Arsenic	0.04 U	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Meta Barium	0.0123	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Meta Beryllium	0.002 U	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Meta Boron	0.05 U	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Meta Cadmium	0.002 U	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Meta Calcium	25.8	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Meta Chromium	0.005 U	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Meta Cobalt	0.006 U	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Meta Copper	35	ug/L	PRELIM	0 ug/ SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Hardr Hardness	95.5	mg CaCO3/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Meta Iron	0.109	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Meta Lead	4.67	ug/L	PRELIM	0 ug/ SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Meta Magnesium	7.54	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Meta Manganese	0.008 U	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Meta Molybdenum	0.012 U	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Meta Nickel	0.006 U	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Meta Potassium	0.962	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Meta Selenium	0.05 U	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Meta Silver	0.01 U	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Meta Sodium	4.66	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Meta Thallium	0.06 U	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Meta Tin	0.02 U	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Meta Vanadium	0.005 U	mg/L	PRELIM	0 mg SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Meta Zinc	10	ug/L	PRELIM	1 ug/ SAMP TRG	1/29/2016
a	R09a	Shower Head, Hot	Water	Alkali Total Alkalinity	73	mg CaCO3/L	PRELIM	5 mg SAMP TRG	1/29/2016
a	R01a	Kitchen Faucet,	Water	Hardr Hardness	96.2	mg CaCO3/L	reanalysis	0 mg SAMP TRG	1/29/2016
a	R03a	Bathroom Sink Faucet,	Water	Hardr Hardness	98.6	mg CaCO3/L	reanalysis	0 mg SAMP TRG	1/29/2016
a	R05a	Bathtub Faucet,	Water	Hardr Hardness	98.8	mg CaCO3/L	reanalysis	0 mg SAMP TRG	1/29/2016
a	R06a	Shower Head,	Water	Hardr Hardness	97.7	mg CaCO3/L	reanalysis	0 mg SAMP TRG	1/29/2016
a	R07a	Bathtub Faucet, Hot	Water	Hardr Hardness	97	mg CaCO3/L	reanalysis	0 mg SAMP TRG	1/29/2016
a	R08a	Shower Head, Hot	Water	Hardr Hardness	95.5	mg CaCO3/L	reanalysis	0 mg SAMP TRG	1/29/2016

Sample #	Sample Tap	Analyte	Result	Lab Qualifier	Units	Test Type	Qualifier	MDL	MDL Uni	Sample_QC Type	Result_T	Event	Sample Date	Sample Time
		Cl2	1.24		mg/l	Field							1/29/2016	10:49 tt:00
R01b	Kitchen Faucet,	Aluminum	0.2 U		mg/L	PRELIM		0.027 mg/L	SAMP	TRG			1/29/2016	
R01b	Kitchen Faucet,	Antimony	0.02 U		mg/L	PRELIM		0.0088 mg/L	SAMP	TRG			1/29/2016	
R01b	Kitchen Faucet,	Arsenic	0.04 U		mg/L	PRELIM		0.013 mg/L	SAMP	TRG			1/29/2016	
R01b	Kitchen Faucet,	Barium	0.0129		mg/L	PRELIM		0.00042 mg/L	SAMP	TRG			1/29/2016	
R01b	Kitchen Faucet,	Beryllium	0.002 U		mg/L	PRELIM		0.00021 mg/L	SAMP	TRG			1/29/2016	
R01b	Kitchen Faucet,	Boron	0.05 U		mg/L	PRELIM		0.0047 mg/L	SAMP	TRG			1/29/2016	
R01b	Kitchen Faucet,	Cadmium	0.002 U		mg/L	PRELIM		0.00021 mg/L	SAMP	TRG			1/29/2016	
R01b	Kitchen Faucet,	Calcium	26.6		mg/L	PRELIM		0.021 mg/L	SAMP	TRG			1/29/2016	
R01b	Kitchen Faucet,	Chromium	0.005 U		mg/L	PRELIM		0.00086 mg/L	SAMP	TRG			1/29/2016	
R01b	Kitchen Faucet,	Cobalt	0.006 U		mg/L	PRELIM		0.00077 mg/L	SAMP	TRG			1/29/2016	
R01b	Kitchen Faucet,	Copper	257		ug/L	PRELIM		0.14 ug/L	SAMP	TRG			1/29/2016	
R01b	Kitchen Faucet,	Hardness	98.1		mg CaCO3/L	PRELIM		0.11 mg CaCC	SAMP	TRG			1/29/2016	
R01b	Kitchen Faucet,	Iron	0.213		mg/L	PRELIM		0.016 mg/L	SAMP	TRG			1/29/2016	
R01b	Kitchen Faucet,	Lead	14.4		ug/L	PRELIM		0.012 ug/L	SAMP	TRG			1/29/2016	
R01b	Kitchen Faucet,	Magnesium	7.66		mg/L	PRELIM		0.022 mg/L	SAMP	TRG			1/29/2016	
R01b	Kitchen Faucet,	Manganese	0.0134		mg/L	PRELIM		0.0016 mg/L	SAMP	TRG			1/29/2016	
R01b	Kitchen Faucet,	Molybdenum	0.012 U		mg/L	PRELIM		0.0016 mg/L	SAMP	TRG			1/29/2016	
R01b	Kitchen Faucet,	Nickel	0.00925		mg/L	PRELIM		0.0018 mg/L	SAMP	TRG			1/29/2016	
R01b	Kitchen Faucet,	Potassium	0.98		mg/L	PRELIM		0.072 mg/L	SAMP	TRG			1/29/2016	
R01b	Kitchen Faucet,	Selenium	0.05 U		mg/L	PRELIM		0.037 mg/L	SAMP	TRG			1/29/2016	
R01b	Kitchen Faucet,	Silver	0.01 U		mg/L	PRELIM		0.00097 mg/L	SAMP	TRG			1/29/2016	
R01b	Kitchen Faucet,	Sodium	4.74		mg/L	PRELIM		0.036 mg/L	SAMP	TRG			1/29/2016	
R01b	Kitchen Faucet,	Thallium	0.06 U		mg/L	PRELIM		0.011 mg/L	SAMP	TRG			1/29/2016	
R01b	Kitchen Faucet,	Tin	0.02 U		mg/L	PRELIM		0.0041 mg/L	SAMP	TRG			1/29/2016	
R01b	Kitchen Faucet,	Vanadium	0.005 U		mg/L	PRELIM		0.0011 mg/L	SAMP	TRG			1/29/2016	
R01b	Kitchen Faucet,	Zinc	111		ug/L	PRELIM		1.2 ug/L	SAMP	TRG			1/29/2016	
R02b	Kitchen Faucet,	Total Alkalinity	73		mg CaCO3/L	PRELIM		5 mg CaCC	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Aluminum	0.2 U		mg/L	PRELIM		0.027 mg/L	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Antimony	0.02 U		mg/L	PRELIM		0.0088 mg/L	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Arsenic	0.04 U		mg/L	PRELIM		0.013 mg/L	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Barium	0.012		mg/L	PRELIM		0.00042 mg/L	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Beryllium	0.002 U		mg/L	PRELIM		0.00021 mg/L	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Boron	0.05 U		mg/L	PRELIM		0.0047 mg/L	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Cadmium	0.002 U		mg/L	PRELIM		0.00021 mg/L	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Calcium	26.8		mg/L	PRELIM		0.021 mg/L	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Chromium	0.005 U		mg/L	PRELIM		0.00086 mg/L	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Cobalt	0.006 U		mg/L	PRELIM		0.00077 mg/L	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Copper	36.7		ug/L	PRELIM		0.14 ug/L	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Hardness	98.7		mg CaCO3/L	PRELIM		0.11 mg CaCC	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Iron	0.08 U		mg/L	PRELIM		0.016 mg/L	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Lead	0.958		ug/L	PRELIM		0.012 ug/L	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Magnesium	7.69		mg/L	PRELIM		0.022 mg/L	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Manganese	0.008 U		mg/L	PRELIM		0.0016 mg/L	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Molybdenum	0.012 U		mg/L	PRELIM		0.0016 mg/L	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Nickel	0.006 U		mg/L	PRELIM		0.0018 mg/L	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Potassium	0.955		mg/L	PRELIM		0.072 mg/L	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Selenium	0.05 U		mg/L	PRELIM		0.037 mg/L	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Silver	0.01 U		mg/L	PRELIM		0.00097 mg/L	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Sodium	4.77		mg/L	PRELIM		0.036 mg/L	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Thallium	0.06 U		mg/L	PRELIM		0.011 mg/L	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Tin	0.02 U		mg/L	PRELIM		0.0041 mg/L	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Vanadium	0.005 U		mg/L	PRELIM		0.0011 mg/L	SAMP	TRG			1/29/2016	
R03b	Bathroom Sink Faucet,	Zinc	25.7		ug/L	PRELIM		1.2 ug/L	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Aluminum	0.2 U		mg/L	PRELIM		0.027 mg/L	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Antimony	0.02 U		mg/L	PRELIM		0.0088 mg/L	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Arsenic	0.04 U		mg/L	PRELIM		0.013 mg/L	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Barium	0.0131		mg/L	PRELIM		0.00042 mg/L	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Beryllium	0.002 U		mg/L	PRELIM		0.00021 mg/L	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Boron	0.05 U		mg/L	PRELIM		0.0047 mg/L	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Cadmium	0.002 U		mg/L	PRELIM		0.00021 mg/L	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Calcium	26.5		mg/L	PRELIM		0.021 mg/L	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Chromium	0.005 U		mg/L	PRELIM		0.00086 mg/L	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Cobalt	0.006 U		mg/L	PRELIM		0.00077 mg/L	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Copper	68.4		ug/L	PRELIM		0.14 ug/L	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Hardness	97.3		mg CaCO3/L	PRELIM		0.11 mg CaCC	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Iron	0.08 U		mg/L	PRELIM		0.016 mg/L	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Lead	0.991		ug/L	PRELIM		0.012 ug/L	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Magnesium	7.56		mg/L	PRELIM		0.022 mg/L	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Manganese	0.008 U		mg/L	PRELIM		0.0016 mg/L	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Molybdenum	0.012 U		mg/L	PRELIM		0.0016 mg/L	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Nickel	0.006 U		mg/L	PRELIM		0.0018 mg/L	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Potassium	0.956		mg/L	PRELIM		0.072 mg/L	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Selenium	0.05 U		mg/L	PRELIM		0.037 mg/L	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Silver	0.01 U		mg/L	PRELIM		0.00097 mg/L	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Sodium	4.66		mg/L	PRELIM		0.036 mg/L	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Thallium	0.06 U		mg/L	PRELIM		0.011 mg/L	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Tin	0.02 U		mg/L	PRELIM		0.0041 mg/L	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Vanadium	0.005 U		mg/L	PRELIM		0.0011 mg/L	SAMP	TRG			1/29/2016	
R05b	Bathtub Faucet, Cold	Zinc	10		ug/L	PRELIM		1.2 ug/L	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Aluminum	0.2 U		mg/L	PRELIM		0.027 mg/L	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Antimony	0.02 U		mg/L	PRELIM		0.0088 mg/L	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Arsenic	0.04 U		mg/L	PRELIM		0.013 mg/L	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Barium	0.0121		mg/L	PRELIM		0.00042 mg/L	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Beryllium	0.002 U		mg/L	PRELIM		0.00021 mg/L	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Boron	0.05 U		mg/L	PRELIM		0.0047 mg/L	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Cadmium	0.002 U		mg/L	PRELIM		0.00021 mg/L	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Calcium	26.8		mg/L	PRELIM		0.021 mg/L	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Chromium	0.005 U		mg/L	PRELIM		0.00086 mg/L	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Cobalt	0.006 U		mg/L	PRELIM		0.00077 mg/L	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Copper	30.5		ug/L	PRELIM		0.14 ug/L	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Hardness	98.5		mg CaCO3/L	PRELIM		0.11 mg CaCC	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Iron	0.08 U		mg/L	PRELIM		0.016 mg/L	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Lead	0.805		ug/L	PRELIM		0.012 ug/L	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Magnesium	7.65		mg/L	PRELIM		0.022 mg/L	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Manganese	0.008 U		mg/L	PRELIM		0.0016 mg/L	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Molybdenum	0.012 U		mg/L	PRELIM		0.0016 mg/L	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Nickel	0.006 U		mg/L	PRELIM		0.0018 mg/L	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Potassium	0.978		mg/L	PRELIM		0.072 mg/L	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Selenium	0.05 U		mg/L	PRELIM		0.037 mg/L	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Silver	0.01 U		mg/L	PRELIM		0.00097 mg/L	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Sodium	4.71		mg/L	PRELIM		0.036 mg/L	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Thallium	0.06 U		mg/L	PRELIM		0.011 mg/L	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Tin	0.02 U		mg/L	PRELIM		0.0041 mg/L	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Vanadium	0.005 U		mg/L	PRELIM		0.0011 mg/L	SAMP	TRG			1/29/2016	
R06b	Shower Head, Cold	Zinc	10		ug/L	PRELIM		1.2 ug/L	SAMP	TRG			1/29/2016	
R07b	Bathtub Faucet, Hot	Aluminum	0.2 U		mg/L	PRELIM		0.027 mg/L	S					

R07b	Bathtub Faucet, Hot	Hardness	98.9	mg CaCO3/L	PRELIM	0.11 mg CaCC SAMP	TRG	1/29/2016
R07b	Bathtub Faucet, Hot	Iron	0.08 U	mg/L	PRELIM	0.016 mg/L SAMP	TRG	1/29/2016
R07b	Bathtub Faucet, Hot	Lead	0.5	ug/L	PRELIM	0.012 ug/L SAMP	TRG	1/29/2016
R07b	Bathtub Faucet, Hot	Magnesium	7.93	mg/L	PRELIM	0.022 mg/L SAMP	TRG	1/29/2016
R07b	Bathtub Faucet, Hot	Manganese	0.008 U	mg/L	PRELIM	0.0016 mg/L SAMP	TRG	1/29/2016
R07b	Bathtub Faucet, Hot	Molybdenum	0.012 U	mg/L	PRELIM	0.0016 mg/L SAMP	TRG	1/29/2016
R07b	Bathtub Faucet, Hot	Nickel	0.006 U	mg/L	PRELIM	0.0018 mg/L SAMP	TRG	1/29/2016
R07b	Bathtub Faucet, Hot	Potassium	0.995	mg/L	PRELIM	0.072 mg/L SAMP	TRG	1/29/2016
R07b	Bathtub Faucet, Hot	Selenium	0.05 U	mg/L	PRELIM	0.037 mg/L SAMP	TRG	1/29/2016
R07b	Bathtub Faucet, Hot	Silver	0.01 U	mg/L	PRELIM	0.00097 mg/L SAMP	TRG	1/29/2016
R07b	Bathtub Faucet, Hot	Sodium	4.74	mg/L	PRELIM	0.036 mg/L SAMP	TRG	1/29/2016
R07b	Bathtub Faucet, Hot	Thallium	0.06 U	mg/L	PRELIM	0.011 mg/L SAMP	TRG	1/29/2016
R07b	Bathtub Faucet, Hot	Tin	0.02 U	mg/L	PRELIM	0.0041 mg/L SAMP	TRG	1/29/2016
R07b	Bathtub Faucet, Hot	Vanadium	0.005 U	mg/L	PRELIM	0.0011 mg/L SAMP	TRG	1/29/2016
R07b	Bathtub Faucet, Hot	Zinc	10	ug/L	PRELIM	1.2 ug/L SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Aluminum	0.2 U	mg/L	PRELIM	0.027 mg/L SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Antimony	0.02 U	mg/L	PRELIM	0.0088 mg/L SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Arsenic	0.04 U	mg/L	PRELIM	0.013 mg/L SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Barium	0.013	mg/L	PRELIM	0.00042 mg/L SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Beryllium	0.002 U	mg/L	PRELIM	0.00021 mg/L SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Boron	0.05 U	mg/L	PRELIM	0.0047 mg/L SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Cadmium	0.002 U	mg/L	PRELIM	0.00021 mg/L SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Calcium	26.6	mg/L	PRELIM	0.021 mg/L SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Chromium	0.005 U	mg/L	PRELIM	0.00086 mg/L SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Cobalt	0.006 U	mg/L	PRELIM	0.00077 mg/L SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Copper	42.3	ug/L	PRELIM	0.14 ug/L SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Hardness	98.6	mg CaCO3/L	PRELIM	0.11 mg CaCC SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Iron	0.08 U	mg/L	PRELIM	0.016 mg/L SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Lead	0.5	ug/L	PRELIM	0.012 ug/L SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Magnesium	7.83	mg/L	PRELIM	0.022 mg/L SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Manganese	0.008 U	mg/L	PRELIM	0.0016 mg/L SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Molybdenum	0.012 U	mg/L	PRELIM	0.0016 mg/L SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Nickel	0.006 U	mg/L	PRELIM	0.0018 mg/L SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Potassium	0.994	mg/L	PRELIM	0.072 mg/L SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Selenium	0.05 U	mg/L	PRELIM	0.037 mg/L SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Silver	0.01 U	mg/L	PRELIM	0.00097 mg/L SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Sodium	4.78	mg/L	PRELIM	0.036 mg/L SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Thallium	0.06 U	mg/L	PRELIM	0.011 mg/L SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Tin	0.02 U	mg/L	PRELIM	0.0041 mg/L SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Vanadium	0.005 U	mg/L	PRELIM	0.0011 mg/L SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Zinc	10	ug/L	PRELIM	1.2 ug/L SAMP	TRG	1/29/2016
R09b	Shower Head, Hot	Total Alkalinity	72	mg CaCO3/L	PRELIM	5 mg CaCC SAMP	TRG	1/29/2016
R01b	Kitchen Faucet,	Hardness	98.1	mg CaCO3/L	reanalysis	0.11 mg CaCC SAMP	TRG	1/29/2016
R03b	Bathroom Sink Faucet,	Hardness	98.7	mg CaCO3/L	reanalysis	0.11 mg CaCC SAMP	TRG	1/29/2016
R05b	Bathtub Faucet, Cold	Hardness	97.3	mg CaCO3/L	reanalysis	0.11 mg CaCC SAMP	TRG	1/29/2016
R06b	Shower Head, Cold	Hardness	98.5	mg CaCO3/L	reanalysis	0.11 mg CaCC SAMP	TRG	1/29/2016
R07b	Bathtub Faucet, Hot	Hardness	98.9	mg CaCO3/L	reanalysis	0.11 mg CaCC SAMP	TRG	1/29/2016
R08b	Shower Head, Hot	Hardness	98.6	mg CaCO3/L	reanalysis	0.11 mg CaCC SAMP	TRG	1/29/2016



Samp_No	SampleDate	SampleTir	Matrix	Sub_Location	Activity	Analyte	Detected	Result	Result_Qc	Lab_Resul	Result_Un	EDD_Status
R02iFcw	2/8/2016	9:32	Water	Bathroom Sink Faucet	Cold - WQS	Chloride	Y	9.89			mg/L	Prelim
R02iFcw	2/8/2016	9:32	Water	Bathroom Sink Faucet	Cold - WQS	Fluoride	Y	0.63			mg/L	Prelim
R02iFcw	2/8/2016	9:32	Water	Bathroom Sink Faucet	Cold - WQS	Sulfate as Y		20.5			mg/L	Prelim
	2/8/2016	9:37 tt:00		Kitchen Sink		Cl2		0.66			mg/l	Field
	2/8/2016	9:42 tt:00		Kitchen Sink		pH		7.3			SU	Field

Samp_No	SampleDate	SampleTime	Sub_Location	Activity	Remarks	Analyte	Detected	Result	Result_QuLab_Resul	Result_Un	EDD_Status
R02hFcw	2/8/2016	10:36	Bathroom Sink Faucet	Cold - WQS		Fluoride	Y	0.64		mg/L	Prelim
R02hFcw	2/8/2016	10:36	Bathroom Sink Faucet	Cold - WQS		Sulfate as	Y	20.7		mg/L	Prelim
R02hFcw	2/8/2016	10:36	Bathroom Sink Faucet	Cold - WQS		Chloride	Y	10.2		mg/L	Prelim
R07hBhw	2/8/2016	10:43	Bathtub Faucet	Hot - WQS		Chloride	Y	9.66		mg/L	Prelim
R07hBhw	2/8/2016	10:43	Bathtub Faucet	Hot - WQS		Fluoride	Y	0.63		mg/L	Prelim
R07hBhw	2/8/2016	10:43	Bathtub Faucet	Hot - WQS		Sulfate as	Y	20.7		mg/L	Prelim
	2/8/2016	10:48 tt:00	Kitchen Sink			pH		7.15		SU	Field
	2/8/2016	10:48 tt:00	Kitchen Sink			Cl2		0.89		mg/l	Field

Samp_No	SampleDate	SampleTin Sub_Location	Activity	Remarks	Analyte	Detected	Result	Result_Qu	Lab_Resul	Result_Un	EDD_Status
R02fCw	2/8/2016	11:25 Bathroom Sink Faucet	Cold - WQS		Fluoride	Y	0.63			mg/L	Prelim
R02fCw	2/8/2016	11:25 Bathroom Sink Faucet	Cold - WQS		Sulfate as	Y	21			mg/L	Prelim
R02fCw	2/8/2016	11:25 Bathroom Sink Faucet	Cold - WQS		Chloride	Y	9.43			mg/L	Prelim
R08fShw	2/8/2016	11:38 Shower Head	Hot - WQS		Chloride	Y	9.72			mg/L	Prelim
R08fShw	2/8/2016	11:38 Shower Head	Hot - WQS		Fluoride	Y	0.63			mg/L	Prelim
R08fShw	2/8/2016	11:38 Shower Head	Hot - WQS		Sulfate as	Y	21.4			mg/L	Prelim
f	2/6/2016 13:56 tt:00	Kitchen Sink			Cl2		0.65			Mg/l	Field
f	2/6/2016 14:01 tt:00	Kitchen Sink			pH		7.12			SU	Field
f	2/6/2016 14:01 tt:00	Kitchen Sink			DO		12.58			mg/l	Field
f	2/6/2016 14:01 tt:00	Kitchen Sink			Conductivty		155			microS/cm	Field
f	2/8/2016 11:30 tt:00	Bathroom Sink Faucet			Residual Cl Level		0.74			mg/l	Field
f	2/8/2016 11:33 tt:00	Bathroom Sink Faucet			pH		7.37			SU	Field
f	2/8/2016 11:33 tt:00	Bathroom Sink Faucet			Conductivity		168			uS/CM	Field
f	2/8/2016 11:33 tt:00	Bathroom Sink Faucet			Specific Conductance		0.24				Field
f	2/8/2016 11:33 tt:00	Bathroom Sink Faucet			Total Dissolved Solid		14.39			mS/cm	Field
f	2/8/2016 11:33 tt:00	Shower Head			pH		7.48			SU	Field
f	2/8/2016 11:33 tt:00	Bathroom Sink Faucet			Dissolved Oxygen (D		14.39			g/L	Field
f	2/8/2016 11:41 tt:00	Shower Head			Specific Conductance		0.17				Field
f	2/8/2016 11:41 tt:00	Shower Head			Total Dissolved Solid		0.17			mS/cm	Field
f	2/8/2016 11:41 tt:00	Shower Head			Dissolved Oxygen (D		5.69			g/L	Field
f	2/8/2016 11:41 tt:00	Shower Head			Conductivity		387			uS/CM	Field

Samp_No	SampleDate	SampleTin	Sub_Location	Activity	Remarks	Analyte	Detected	Result	Result_QuLab_Resul	Result_Un	EDD_Status
R02gFcw	2/8/2016	14:26	Bathroom Sink Faucet	Cold - WQS		Sulfate as SO4	Y	21		mg/L	Prelim
R02gFcw	2/8/2016	14:26	Bathroom Sink Faucet	Cold - WQS		Chloride	Y	9.53		mg/L	Prelim
R02gFcw	2/8/2016	14:26	Bathroom Sink Faucet	Cold - WQS		Fluoride	Y	0.63		mg/L	Prelim
R11gShw	2/8/2016	14:45	Shower Head	Hot - WQS		Sulfate as SO4	Y	21		mg/L	Prelim
R11gShw	2/8/2016	14:45	Shower Head	Hot - WQS		Fluoride	Y	0.66		mg/L	Prelim
R11gShw	2/8/2016	14:45	Shower Head	Hot - WQS		Chloride	Y	9.73		mg/L	Prelim
	2/8/2016 14:35	tt:00	Bathroom Sink Faucet			Residual Cl Level		0.78		mg/l	Field
	2/8/2016 14:41	tt:00	Bathroom Sink Faucet			pH		7.5		SU	Field
	2/8/2016 14:41	tt:00	Bathroom Sink Faucet			Conductivity		181		uS/CM	Field
	2/8/2016 14:41	tt:00	Bathroom Sink Faucet			Specific Conductance		0.24		mS/cm	Field
	2/8/2016 14:41	tt:00	Bathroom Sink Faucet			Dissolved Oxygen (DO)		13.19		mg/L	Field
	2/8/2016 14:46	tt:00	Bathroom Sink Faucet			pH		7.37		SU	Field
	2/8/2016 14:46	tt:00	Bathroom Sink Faucet			Dissolved Oxygen (DO)		6.24		mg/L	Field
	2/8/2016 14:46	tt:00	Bathroom Sink Faucet			Total Dissolved Solids (TD)		0.17		g/L	Field
	2/8/2016 14:46	tt:00	Bathroom Sink Faucet			Conductivity		383		uS/CM	Field
	2/8/2016 14:46	tt:00	Bathroom Sink Faucet			Specific Conductance		0.26		mS/cm	Field
	2/10/2016 20:14	tt:00	Bathroom Sink Faucet			Total Dissolved Solids (TD)		0.16		g/L	Field



**From:** Durno, Mark  
**Sent:** 24 Feb 2016 15:52:22 +0000  
**To:** Perlman, Gary;Groetsch, Kory J. (DHHS);Johnson, Mark;scottj14@michigan.gov;Dykema, Linda D. (DHHS);john.smart@hhs.gov;Somers, Tarah;wellse3@michigan.gov;Gray, Jennifer (DHHS);Smith, Jason (DHHS);BarrJ3@michigan.gov;McFadden, Jevon D. (CDC/OPHPR/DSLR);Watters, Michelle  
**Cc:** mick.cote@hhs.gov;Caudill, Motria;Quiggle, Lisa (DHHS)  
**Subject:** RE: Science Group conference call, 877-901-1246, code: 25966672

Here is the preliminary metals analysis as described. Samples were from debris collected from a residential tap aerator. More to come. Stay tuned....

Cadmium 22 mg/kg  
 Copper 460000 mg/kg  
 Iron 1500 mg/kg  
 Nickel 470 mg/kg  
 Lead 23000 mg/kg  
 Zinc 220000 mg/kg

Client Sample Results

Client: PHILIS

Project/Site: PHILIS - Flint Drinking Water Response

TestAmerica Job ID: 240-60914-2

Client Sample ID: FG05ASAP

Lab Sample ID: 240-60914-5

Date Collected: 02/12/16 17:27

Matrix: Solid

Date Received: 02/14/16 11:10

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Oil Fao
Aluminum	190	U	3000	190	mg/Kg		02/18/16 12:42	02/19/16 17:55	200
Cadmium	22	J	51	1.1	mg/Kg		02/18/16 12:42	02/19/16 17:55	200
Chromium	18	U	120	18	mg/Kg		02/18/16 12:42	02/19/16 17:55	200
Copper	460000		300	29	mg/Kg		02/18/16 12:42	02/19/16 17:55	200
Iron	1500	J B	6100	970	mg/Kg		02/18/16 12:42	02/19/16 17:55	200
Manganese	36	U	300	36	mg/Kg		02/18/16 12:42	02/19/16 17:55	200
Nickel	470	B	300	12	mg/Kg		02/18/16 12:42	02/19/16 17:55	200
Lead	23000	B	61	14	mg/Kg		02/18/16 12:42	02/19/16 17:55	200
Zinc	220000	B	1500	150	mg/Kg		02/18/16 12:42	02/19/16 17:55	200
Calcium	6700	U	61000	6700	mg/Kg		02/18/16 12:42	02/19/16 17:55	200
Magnesium	1200	U	61000	1200	mg/Kg		02/18/16 12:42	02/19/16 17:55	200
Potassium	1500	U	61000	1500	mg/Kg		02/18/16 12:42	02/19/16 17:55	200
Sodium	2600	U	61000	2600	mg/Kg		02/18/16 12:42	02/19/16 17:55	200

**Mark Durno**

Homeland Security Advisor / Deputy Chief  
Emergency Response Branch  
**U.S. Environmental Protection Agency**  
25063 Center Ridge Road  
Westlake, OH 44145  
440-250-1743

-----Original Appointment-----

**From:** Perlman, Gary

**Sent:** Friday, February 19, 2016 10:48 AM

**To:** Perlman, Gary; Groetsch, Kory J. (DHHS); Johnson, Mark; scottj14@michigan.gov; Dykema, Linda D. (DHHS); john.smart@hhs.gov; Somers, Tarah; wellse3@michigan.gov; Gray, Jennifer (DHHS); Smith, Jason (DHHS); BarrJ3@michigan.gov; McFadden, Jevon D. (CDC/OPHPR/DSLRL); Watters, Michelle; Durno, Mark

**Cc:** mick.cote@hhs.gov; Caudill, Motria; Quiggle, Lisa (DHHS)

**Subject:** Science Group conference call, 877-901-1246, code: 25966672

**When:** Wednesday, February 24, 2016 9:00 AM-10:00 AM (UTC-05:00) Eastern Time (US & Canada).

**Where:**

Greetings, This call will serve as a follow-up to 19Feb's discussions on rash, hair loss and related topics.

**From:** Durno, Mark  
**Sent:** 25 Feb 2016 20:32:59 +0000  
**To:** Perlman, Gary;Groetsch, Kory J. (DHHS);Johnson, Mark;scottj14@michigan.gov;Dykema, Linda D. (DHHS);john.smart@hhs.gov;Somers, Tarah;wellse3@michigan.gov;Gray, Jennifer (DHHS);Smith, Jason (DHHS);BarrJ3@michigan.gov;McFadden, Jevon D. (CDC/OPHPR/DSLR);Watters, Michelle  
**Cc:** mick.cote@hhs.gov;Caudill, Motria;Quiggle, Lisa (DHHS);Lam, Shelly  
**Subject:** Science Group Request.

Science Team,

We've had an interesting request of Dr. Lurie (below). There is an offer to donate "Slingshot" water purification units to Flint Schools. EPA's water experts have reviewed the request and offered the following comments. There is an element of this that needs health input as described below. Please offer your thoughts/perspective/opinion on this. We can also queue it up at our weekly meeting.

Comments:

If it's a distillation unit, it would remove the lead and most other stuff (e.g., minerals). Essentially, all they are doing is evaporating water and collecting the condensate (distilled water). Since lead, minerals and other stuff do not evaporate they are not going to be in the condensate (distilled water). From a nutritional standpoint, I am not sure drinking distilled water (sans minerals) is good for the children but I'll defer to HHS on that. There are quite a few IWA or WHO documents on the debate about drinking demineralized water.

As a product category, there are very few distillation systems certified – only one by NSF and none by WQA, which are the two big drinking water treatment unit certifiers. Also, the only link that appeared to be for the Slingshot Water purifier was a dead link, leading me to believe it is not certified. For international use, which appears to be the intended market, it would not need the certification.

Thanks,  
Mark

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**Mark Durno**

Homeland Security Advisor / Deputy Chief  
Emergency Response Branch  
**U.S. Environmental Protection Agency**  
25063 Center Ridge Road  
Westlake, OH 44145  
440-250-1743

On Feb 25, 2016, at 06:35, Lurie, Nicole (OS/ASPR/IO) <[Nicole.Lurie@hhs.gov](mailto:Nicole.Lurie@hhs.gov)> wrote:

I am hearing that Dean Kamen (of Segway fame) may be interested in donating his water purifying devices for use in Flint schools. Don't know if you are familiar with these (called Slingshot) but I think have been tested globally. I do not know if they get lead out, but based on how they work (stirling engine) I think they should. Do you guys know about them and can you advise before I talk with him?

Thanks

Nicole Lurie MD MSPH  
Assistant Secretary for Preparedness and Response  
Rear Admiral, US Public Health Service

Department of Health and Human Services  
200 Independence Ave SW  
Washington, DC  
202 205 2882